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1883

41st

Annual Catalog

1924

PIONEER SEED HOUSE

-NURSERY & GREENHOUSES
OF THE NORTHWEST

SPECIALLY ADAPTED VARIETIES OF SEED CORN INTRODUCED.
GROWN AND BRED FOR NORTHWESTERN CONDITIONS.



Gehu Flint

*Pioneer
White Dent*

*Falconer
Semi Dent*

By

OSCAR H. WILL & CO.

BISMARCK, N.D.

Seed Corn Specialists

General Directions to Customers

HOW TO SEND MONEY. Remittance should be made by Postoffice or Express Money Order or by Bank Draft. Personal Checks on good banks are accepted. U. S. Stamps are accepted for small amounts.

DELIVERY OF GOODS. Goods may be sent by mail, express or freight. Mail postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs., within 150 miles, 50 lbs. beyond that. Weight limit for Parcel Post to Canada 11 lbs., takes 8th zone rate. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

EXPRESS AND FREIGHT. Seeds sent by freight or express means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before receiving it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We can not insure plants and nursery stock so there is no recourse in case of delay and injury.

PACKING. No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

KEEP A COPY OF YOUR ORDER. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with other goods or notices sent.

MISTAKES. These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order within a reasonable time.

OUR RESPONSIBILITY. It is so manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after they leave his hands, especially goods like seeds which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty.

We give no warrant, express or implied, as to the description, quality, productiveness or any other matter, of any seeds, bulbs, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on the above terms, no sale is made thereof, and they must be returned at once and money will be refunded.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented they may be at once returned at our expense when we shall refill or refund the customer's money as requested.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station we are glad to replace or refund. We do not guarantee Nursery Stock and Plants after being taken from the express office, but are always willing to give attention to just claims for loss.



Our 42nd Annual CATALOG

Age an Index of Excellence



No business deserves to live or will live unless it renders a real service to the community, the state, and the nation. For that reason the age of a business is the best of all indicators as to its honesty, its value, and its satisfactory performance of the services to the public for which it was started.

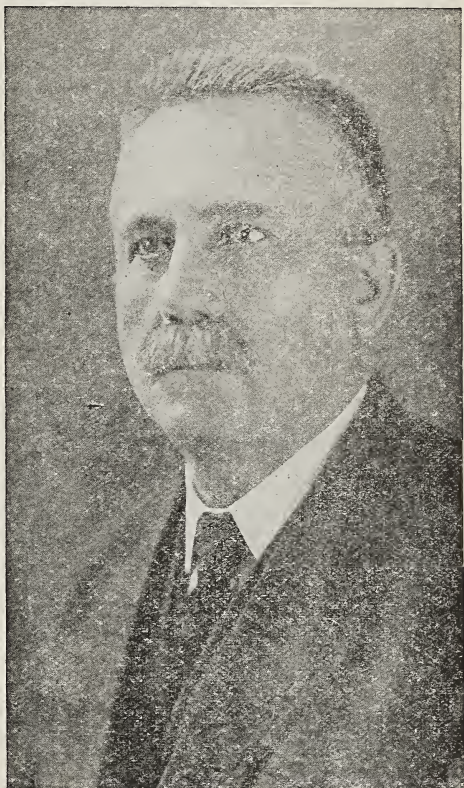
Oscar H. Will whose picture appears upon this page founded our business forty three years ago with a deep interest in and an earnest desire to aid Northwestern Agriculture. We feel that the years which have passed since then bear ample testimony to the value, honesty and progressiveness of our concern in its chosen field.

For forty three years we have been breeding, selecting and introducing special varieties of corn, grain, vegetables and nursery stock with qualities which adapted them especially to the Northwest, and we have given to Northwestern agriculture many of its most valuable standard varieties.

We are proud of our accomplishments and anxious to add to the reputation which we have already built up, and we are, each year, better equipped to serve seed users, home makers and farmers who want earliness, hardiness and quality.

Sincerely

OSCAR H. WILL & CO.



I bought trees of you forty years ago and the outside row will make saw logs now. Garden seeds I have bought of you for thirty five years, and they are always good.

Charles O. Olsen,

Meckinock, N. D.

It looks as though perhaps Mr. Olson is our oldest customer... However we are going to offer a prize of five dollars worth of goods to the customer of longest standing who writes to us before April first, a second prize of three dollars worth of goods, a third prize of two dollars worth and a fourth of one dollar worth. If you are one of our old customers write us a letter and get your name in the contest.

Our Leader Collection 50c Postpaid

- 1 pkt. Will's Improved Beet.
- 1 pkt. Copenhagen Market Cabbage.
- 1 pkt. Danvers Half Long Carrot.
- 1 pkt. Golden Self Blanching Celery.
- 1 pkt. Early Fortune Cucumber.
- 1 pkt. Curled Simpson Lettuce.
- 1 pkt. Ex. Early Knight Muskmelon.

- 1 pkt. Dakota Globe Onion.
- 1 pkt. Guernsey Parsnip.
- 1 Pkt. Harris Earliest Pepper.
- 1 Pkt. Early Carmine Radish.
- 1 Pkt. Will's Improved Rutabaga.
- 1 Pkt. Improved Hubbard Squash.
- 1 Pkt. Millet's Dakota Tomato.

1 pkt. Will's Sugar Watermelon.

Parcel Post Rates

Limit of weight in zones 1 and 2 is 70 lbs. Weight limit for zones 3 to 8 inclusive, is 50 lbs.

IF YOU DO NOT KNOW WHICH ZONE RATE APPLIES CONSULT YOUR POSTMASTER

For zones 1 and 2. 1 lb. is 5c. Add 1c per lb. to 5c for each additional pound weight of the package. Thus 7 lbs. will be 5c plus 6 additional pounds at 1c per pound or 11c.

Zone 3. One pound is 6c. For each additional pound add 2c.

Zone 4. One pound is 7c. For each additional pound add 4c.

Zone 5. One pound is 8c. For each additional pound add 6c.

Zone 6. One pound is 9c. For each additional pound add 8c.

Zone 7. One pound is 11c. For each additional pound add 10c.

Zone 8. One pound is 12c. For each additional pound add 12c.

The 8th zone rate applies on parcel post to Canada.

PREMIUMS

Premiums must be claimed at the time of ordering, and only one premium is allowed to each order.

CLASS 1. An order for vegetable or flower seeds to the amount of seven dollars, or of seed grain and trees to the amount of twelve dollars, entitles the customer to his choice of the following:

Farmers' Account Book and Simplicity Service Set. A complete accounting system, making the calculation of the income tax its aim. Detailed explanation of Income Tax Law furnished with the set.

Farm Topics. A valuable compilation of useful information on farming.

CLASS 2. An order for vegetable or flower seed to the amount of ten dollars, or for grain or trees to the amount of fifteen dollars entitles the customer to the following premiums:

Weeds and How to Eradicate Them. By Thomas Shaw.

Country Kitchen. 900 tested recipes.

Farm Wind Breaks and Shelter Belts.

CLASS 3. An order for vegetable or flower seeds to the amount of fifteen dollars, or for seed grain or trees to the amount of twenty-five dollars entitles the purchaser to one of the following:

Vegetable Gardening. An advanced book on gardening.

One 16-inch White Thermometer. Tested and good for fifty below. This is an article necessary on every farm.

SPECIALS

Special Onion Seed Premium. The book "Onions" by Ralph W. Jordan. Given upon request with each order for five pounds or more of onion seed. Sold at fifty cents. A complete work on the raising, handling, and treatment of onions with directions for every step from preparing ground to marketing.

Special Corn Premium. To those especially interested in the Indian Agriculture we can offer a book on the subject, "Corn Among the Indians of the Upper Missouri." This sells at \$1.50, and we shall be glad to send it as a premium with every seed corn order of \$25.00 or more.

Special Nursery and Greenhouse Stock Premium. With every order for nursery stock or stock from our greenhouses which amounts to \$10.00 or more we offer a free subscription for one year to "Fruit, Garden & Home." Be sure and claim this.

Special Collections

OUR BARGAIN COUNTER

50c

Special Packet Collection No. 1

50c

We offer thirteen five-cent packets of seed, the selection of the buyer, for 50c.

Seeds in packets at more than 5c per packet may be counted as two or more five cent packets, but in no case are ounces or larger packages to be included in this collection.

25c

Special Flower Seed Collection No. 2

25c

For School Children

To children interested in flowers we offer seven packets of flower seeds of our selection for 25c.

50c

Will's Sweet Corn Collection

50c

The collection is designed to give corn lovers the longest possible succession of roasting ears by furnishing a planting of each variety from the very earliest sorts to the latest which we can use profitably in our climate.

Two ounces of each of the following varieties:

Assiniboine Yellow

Will's Early June

Nuetta

Improved Early Dakota

Golden Bantam

Banana Cream

Stowell's Evergreen

The PRICE of the COLLECTION is 50c, Postpaid

\$1.00

Will's Dollar Home Garden Collection

\$1.00

For a garden 25x40 feet, figured in 25 ft. rows. This collection is a great saving and an especial convenience to the customer who is not familiar with varieties and comparative quantities required.

(Amount, variety, space required, distance between rows and regular price.)

½-lb. Improved Golden Wax Beans, 2 rows, 18 in.	\$0.20
1 Oz. Will's Improved Beet, 2 rows, 18 in. ....	.10
2 Pkts. Danvers Half Long Carrot, 2 rows, 18 in. ....	.10
¼-lb. Golden Bantam Sweet Corn, 4 rows, 2½ ft. ....	.15
2 Pkts. Lettuce, 1 Leaf, 1 Head 1 Row, 1 ft. ....	.10
2 Pkts. Dakota Globe Onion, 2 rows, 18 in. ....	.10
2 Pkts. Improved Guernsey Parsnip, 2 rows, 18 in. ....	.10
½-lb. Bliss Everbearing Peas, 2 rows, 2 ft. ....	.25
½-lb. Sutton's Excelsior Peas, 2 rows, 2 ft. ....	.20
1 oz. Radish, Will's Early Carmine, 2 rows, 1 ft. ....	.10
2 Pkts. Sandwich Island Sa'sify, 1 row, 18 in. ....	.10
1 Pkt. Extra Early White Milan Turnip, 1 row, 18 in. ....	.05

Value if ordered separately\$1.55

Price, postpaid\$1.00

25c

Will's Pioneer Indian Collection

25c

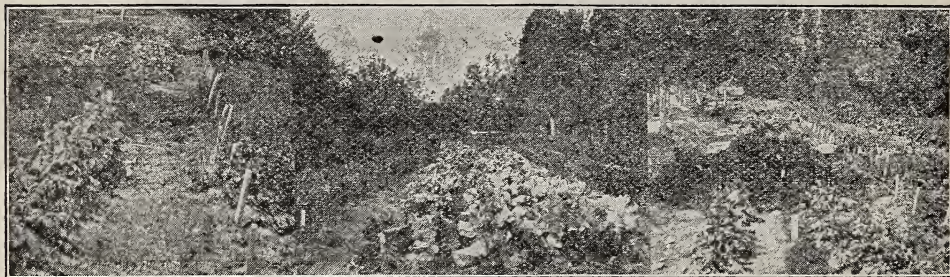
Eight packets of the same vegetable varieties grown by the Indians of this section long before the white man ever saw North Dakota. Interesting and valuable.

1 Pkt. Assiniboine Corn	1 Pkt. Hidatsa Red Bean
1 Pkt. Nuetta Sweet Corn	1 Pkt. Mandan Squash
1 Pkt. Arikara Yellow Bean	1 Pkt. Omaha Pumpkin
1 Pkt. Arikara Watermelon	1 Pkt. Arikara Squash

Price 25c, Postpaid

FOR OUR LEADER COLLECTION SEE PAGE 1

Will's Pioneer Vegetable Seeds Grow Quick



VIEWS IN OUR TRIAL GROUNDS

Please remember that the prices here quoted are by mail, postpaid to any address in the United States, unless otherwise noted. Prices of one pound or over subject to change.

Will's Hardy, Acclimated Garden Seeds for Northwestern Conditions.

WE HAVE INTRODUCED MORE VEGETABLE VARIETIES SUITED TO NORTHWESTERN CONDITIONS THAN ALL OTHER FIRMS COMBINED AND THE EXPERIENCE OF FORTY TWO YEARS IS YOURS WITH OUR SEEDS.

We have been your customers for 12 years and always find your seed fine. I always recommend your seed to everyone. I am ordering some new varieties this year but I never got anything from you that was not good.

Mrs. John S. Benson,

Golva, N. Dak.

Allow me to say that I have always found your seed quick of germination and rapid growth but owing to the latitude they have not always made a crop. I got two ears of corn last year. It was the white flour corn. The wheat grass did splendid. The only onions I ever raised after 10 years trying was last year from Will's Dakota Globe.

F. B. Cannon,

Wasilla, Alaska.

PLANTING TABLE FOR VEGETABLES

Ft. of row for five persons	Kind of Vegetable	Distance apart of plants in rows (inches)	Least distance between rows (inches)	Seed for 100 feet of row
200	*Beans—Dwarf, snap	2-5	20	2 lbs.
100	Beans—Dwarf, Lima	6	20	2 lbs.
150	*Beets	2-4	18	2 oz.
200	Cabbage	16-24	24	50-75 plants
50	Cauliflower	16-24	24	50-75 plants
50	*Carrot	2	18	1 oz.
50	Celery	4-8	18	200 plants
500	*Corn, sweet	16-36	30	1/4 lb.
100	Cucumber	Hills 48	48	1/2 oz.
25	Egg Plant	20-30	24	50 plants
150	*Lettuce	4-8	Beds 6	1-3 oz.
150	Muskmelon	Hills 72	72	1/2 oz.
300	Onions	4-6	14	3 oz.
200	Onions, from sets	2-3	16	3 pts. sets
50	Parsnip	3-5	18	1/2 oz.
300	*Peas	3/4-1 1/2	30	2 lbs.
25	Peppers	16	24	20 plants
800	Potatoes, early	14-18	30	1/2 peck
150	*Radish	1-2	16	1 oz.
200	Spinach	1-3	18	1 oz.
25	Squash, summer	Hills 42	42	1/2 oz.
100	Tomato	30	36	40 plants
800	*Turnip	1-4	18	1/2 oz.

These vegetables marked * should not all be planted at one time, but a part at intervals of two or three weeks, to secure a continuous supply.

If you use large quantities of Garden Seed, let us quote on your requirements.

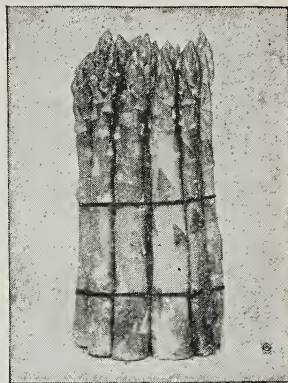
Asparagus

One Ounce Will Sow
Fifty Feet of Drill

CULTURE—Sow early in spring in rows one foot apart; when one year old the roots may be taken up and transplanted in permanent beds, which should be made by taking out the soil to a depth of about 16 inches; fill in with six inches of well rotted stable manure, then six inches of soil somewhat firmed. Place the roots on the same about 10 inches apart with the roots well spread out, and cover so that the crown will be about four inches below the surface. Keep the surface well raked to keep down the weeds until the shoots appear.

CONOVER'S COLOSSAL. This is the largest and most extensively grown green variety. Pkt., 5c; oz., 10c; ¼-lb., 25c; 1 lb., 85c, postpaid.

COLUMBIAN MAMMOTH WHITE. A distinct variety of strong and vigorous growth, producing very large white shoots that in favorable weather remain white as long as fit for use. Pkt., 5c; oz., 10c; ¼-lb., 25c; 1 lb., 85c. nostpaid.



Conover's Colossal

Plant Roots of above varieties, and save 2 Years from seed... See Page 82.

BEANS

CULTURE—Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. Note that we are listing beans by weight instead of measure. One pound of beans is a little more than one pint.

FIELD BEANS



Great Northern Baking Beans



GREAT NORTHERN—The Most Delicious Baking Bean in the World. This hardiest bean was originally obtained by us nearly forty years ago from Son of a Star, an Hidatsa Indian, among which tribe it had then been raised for many years. It is a wonderful yielder and one of the most profitable sorts that can be raised. Grown to the exclusion of all other varieties of field beans around Billings, Mont., the bean center of the Northwest. Forty odd cars of Great Northerns were shipped from that point to Chicago this past year.

Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs. \$1.50; 100 lbs., \$12.00.

I have used your seeds for the last two years and am very well satisfied with them. Last year I had a splendid garden. From one pound of field beans I had very good results. I would not use any other seeds.

Mrs. J. P. Brady, Carlyle, Sask., Can.

PILOT NAVY FIELD BEAN—The Earliest on Earth. This bean, originated in Minnesota by Mr. Dupont, and introduced by us in 1913, has come to occupy a very high place both for its earliness, and its cooking qualities. It comes close to the wax beans, from which it developed, in tenderness. The skin is very thin and it is the best flavored of the Navy Beans. Its earliness makes it a most valuable acquisition to our field crops. We have annually increased our acreage, but as annually find ourselves sold out early in the spring. This year we have an unusually fine stock to offer, and recommend it highly. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50; 100 lbs., \$12.00.

HIDATSA RED BEAN. A heavy yielder, hardy, drought resistant, and an excellent baking bean. The seed is similar to the Great Northern in shape but is red in color. Originally obtained from one of the Ft. Berthold tribes. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.40; 100 lbs., \$11.00.

ARIKARA YELLOW BEAN. Formerly called Yellow Indian. We have given it the name of one of the Ft. Berthold tribes of Indians, as it is much grown by that tribe. An even better flavored bean than the Hidatsa, but not quite as heavy a yielder. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.40; 100 lbs., \$11.50.

DWARF OR BUSH BEANS

For eating green—snap or string beans

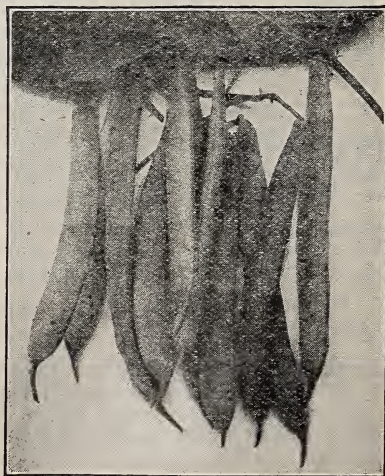


Green Pod Stringless

BOUNTIFUL. Best of the flat-podded sorts and one of the hardiest of beans. The light green pods average 6 to 7 inches in length and are stringless, thick, flat and of excellent quality. This is a prime favorite throughout the Northwest for its earliness, hardiness, and productivity. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., \$1.10.

PENCIL POD BLACK WAX. An old favorite sort, hardy, productive and of excellent flavor. Long golden yellow pods. stringless and brittle. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 35c, postpaid. 5 lbs., \$1.20, by express or freight.

GREEN POD STRINGLESS. The most widely grown of all the green podded sorts. One of the earliest and most productive varieties, the dark green pods are round, straight, thick, meaty, strictly stringless, and of finest quality. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 25c; 1 lb., 35c; postpaid. By express or freight, 5 lbs., \$1.20.



Bountiful

ROUND POD KIDNEY OR BRITTLE WAX. An early round-podded, stringless yellow wax of the golden wax type, but superior in several respects. Pods long and slender, 5 inches in length, quality the best. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.25.

Davis Kidney Wax

Desirable because of its long, handsome, light yellow pods, and its hardness; the white color of its seed makes this variety equally valuable as a bean for winter use. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 35c, postpaid. 5 lbs., \$1.20, by express or freight.



SURE CROP STRINGLESS WAX

A heavy yielding and delicious wax bean, very bushy with long flat yellow pods. Has been increasingly popular every year since its introduction. Absolutely stringless, very hardy, rust resistant, with a very strong plant growth. An excellent main crop wax bean. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., \$1.00.

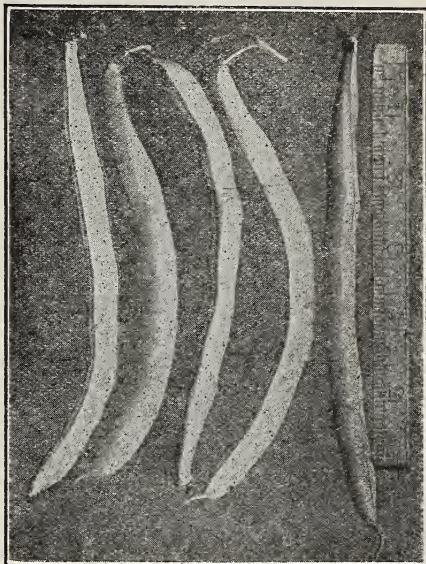
IMPROVED GOLDEN WAX. This is the very finest selected strain of the Golden Wax bean, and has for years been our most popular sort. It seems to be especially suited to Northwestern climatic conditions. The pods are large, fleshy, and entirely stringless, the color is a bright golden. A very early sort, and highly rust resistant. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 30c, postpaid. 5 lbs., \$1.00 by express or freight.



Improved Golden Wax

NEW WONDER. This is a standard variety in the Northwest. It is of compact growth and not inclined to runners as are many Bush Limas. The beans are broad, thin and flat. The flavor is delicate and the yield excellent. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 25c; 1 lb., 40c, postpaid.

JACKSON WONDER. A small seeded, calico colored Lima which has proven earlier in our trials than any other Lima Bean we have ever planted. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 25c; 1 lb., 45c, postpaid.



Sure Crop Stringless Wax
POLE BEANS

KENTUCKY WONDER WAX. The best pole wax bean for northern planting; the light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 25c; 1 lb., 35c, postpaid.

BUSH LIMAS

FORDHOOK BUSH LIMA. One of the very earliest of all Limas. Pods of good length and contain from 4 to 5 large, thick white beans. A wonderful producer and of excellent quality. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 25c; 1 lb., 45c, postpaid.



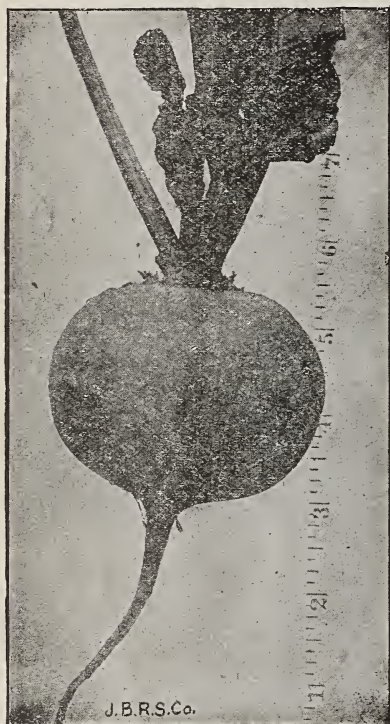
Fordhook Bush Lima

Beets

Remember that these prices are for seed prepaid by mail except as otherwise noted

One ounce of seed will sow fifty feet of drill; six pounds per acre.

CULTURE—Sow in drills 15 to 18 inches apart as early as the ground can be worked in the spring. When the plants are large enough to handle, thin to four or five inches apart in the row.



Will's Improved Beet

The leaves are very large and picking a mess of Swiss Chard for greens is short work. In addition to its value for rich greens, the broad white stems and mid-ribs may be cooked like Asparagus or used for pickles. Swiss Chard gives big returns with little care. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 40c; 1 lb., 75c, postpaid.

SUGAR BEETS

CHAMPION WHITE. A hardy and easily grown white, wedge-shaped, sugar beet. This variety combines heavy yield with an extremely high sugar content. The sugar beet is not only a source of sugar but an excellent stock food and a heavy milk producer. Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 60c, postpaid. By express or freight, 5 lbs., \$2.50.

Ask for our special leaflet on making syrup from sugar beets and sorghum.

GIANT HALF SUGAR ROSE. This is an intermediate type between the sugar beet and Mangel, combines sugar content to a degree with the size of the mangel thus improving the quality of the feed and maintaining the quantity. Rose colored skin, white flesh. Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 60c, postpaid. By express or freight, 5 lbs., \$2.25.

GARDEN BEETS

DETROIT DARK RED. The best main crop beet. The roots are smooth, medium sized, and globe shaped. The skin is a dark blood red and the flesh is a solid vermilion red with no zoning. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 80c, postpaid. By express or freight, 5 lbs., \$3.30.

LONG BLOOD RED. Best of the long garden beets; drought resistant, a very good keeper and grows until late in the fall. Excellent for sod planting. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 40c; 1 lb., 75c, postpaid.

WILL'S IMPROVED BLOOD TURNIP BEET. This is an exceptionally fine strain of Crosby's Egyptian. The roots are somewhat flattened though globular and the skin a very dark red in color. The flesh is of a slightly lighter shade and lightly zoned. The best first early beet and a good keeper. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 80c, postpaid. By express or freight, 5 lbs., \$3.30.

ECLIPSE. A very early variety with round, bright red roots. The flesh is crimson with pinkish white zones, sweet, crisp, and tender. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 40c; 1 lb., 70c, postpaid. By express or freight 5 lbs., \$2.80.

SWISS CHARD

LUCULLUS. To our mind the best vegetable that can be raised for greens. The outside leaves are picked off and the plant yields a constant crop from July well into September.

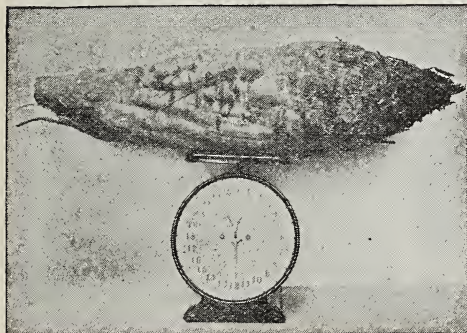


Eclipse Beet

Mangels or Stock Beets

A necessity for stock and poultry. Mangels with their enormous yields furnish body building material and maintain general good health.

CULTURE—Sow in April and May in a deep, mellow seed bed, well manured, in drills 18 inches apart and about two inches deep. Four to six pounds are required to the acre.



Golden Giant

MAMMOTH GOLDEN GIANT MANGEL WURTZEL. This is a yellow mangel with white flesh, somewhat long with most of the root above ground. It is especially notable as being the hardest sort, withstanding much more severe weather conditions than any of the others. An excellent keeper and good producer, the roots under good conditions reaching tremendous size. Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 60c, postpaid. By express or freight, 5 lbs., \$2.10.

TAAROJE BARRES MANGEL. This superior variety is a product of the Danish system of stock certification which has produced so many wonderfully improved varieties. Pound for pound these mangels very nearly equal sugar beets in their dry matter content. They grow largely out of ground, are of a short, thick shape and are very easily lifted. This is probably the highest yielding sort under good conditions. Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 70c, postpaid. By express or freight, 5 lbs., \$2.50.

GOLDEN TANKARD MANGEL WURTZEL. A variety noted for its milk producing properties. The flesh is firm and solid and of a rich golden yellow color. It grows well above the ground and yields well on light soils. Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 65c, postpaid. By express or freight, 5 lbs., \$2.40.

GIANT RED ECKENDORF MANGEL WURTZEL. The Eckendorf Mangel is a phenomenal yielder and is more largely planted in Germany than any other sort. It is easily harvested as the root comes to the largest part above the ground. The roots are smooth, of cylindrical shape, and weigh from 15 to 25 pounds. The flesh is white, firm and of high nutritive value. This is one of the best varieties. Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 65c, postpaid. By express or freight, 5 lbs., \$2.50.

MAMMOTH LONG RED MANGEL WURTZEL. This is the heaviest cropping and largest of all mangels. It grows well above the ground and is easily harvested. The deep red roots are straight, well formed and solid. This variety is particularly adapted to a deep soil. Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 60c, postpaid. By express or freight, 5 lbs., \$2.10.



Mammoth Long Red

CHANGE OF ADDRESS

We would appreciate it very much to have our customers notify us of any change in address, as the edition of our year book is limited, and we want it to reach its proper destination.

I believe you will be interested to know that I won 1st prize at the Montana State Fair (1922) on sugar beets grown from seed purchased from you.

Dell T. Scalse,

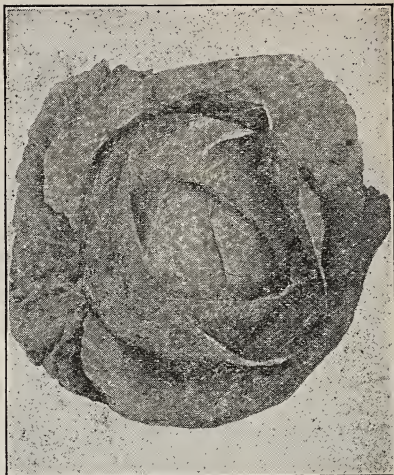
Grandview, Mont.

CABBAGE

CULTURE—For very early use sow the seed in hotbed or in boxes in the house. The best and hardest plants may be produced by sowing seed in cold frames outside after danger of hard freezing is past. Transplant in garden or field when weather will permit, 20 to 30 inches apart for the small, early varieties, and from 2½ to 3½ feet apart for the large, late sorts. Some recommend planting the seeds in the field, 3 or 4 seeds in a hill and leaving the strongest plant. One ounce of seed will produce about 4,000 plants.

EARLY VARIETIES

WILL'S EARLY JUNE. This is the earliest flat-headed cabbage in cultivation. The head is solid and shapely, and forms early, making fair sized heads in from 60 to 70 days from seed. The plant is vigorous, drought resistant, and not subject to disease, which makes it especially desirable for all parts of the Northwest. Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.45; 1 lb., \$2.80.



Will's Early June

EARLY JERSEY WAKEFIELD. The most widely known and popular extra early variety. The conical heads are solid and the small outer leaves permit of close planting. Pkt., 5c; oz., 20c; ¼-lb., 60c; ½-lb., \$1.15; 1 lb., \$2.25.

EARLY WINNINGSTADT. An old favorite, its hardness permits early planting. It is the hardest heading of any of the early cabbages and is the surest cropper under adverse conditions. The heads are broad, pointed, and suffer less from the cabbage worm than most other sorts. Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.40; 1 lb., \$2.75.

HENDERSON'S EARLY SUMMER. Averaging double the size of Jersey Wakefield this variety is but ten days later. The heads are somewhat flattened, compact and solid, is one of the best large, second early sorts. Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.45; 1 lb., \$2.80.



Copenhagen Market

COPENHAGEN MARKET.

This is in our opinion the heaviest yielding and best quality cabbage that can be grown. A tremendous yielder of smooth, round, even sized heads, valuable for either extra early or main crop use, and with wonderful hardness and vitality. The plant is short stemmed and compact, leaves medium light green, thick and smooth, heads averaging about ten pounds. Our strain is absolutely the best obtainable. Pkt., 5c; oz., 25c; ¼-lb., 95c; ½-lb., \$1.80; 1 lb., \$3.50.

EARLY EXPRESS. A very early variety forming small oval heads with round thick leaves. It ranks close to Early June in earliness. Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.40; 1 lb., \$2.75.

For Cabbage Plants, see Page 78

Late Cabbage

GLORY OF ENKHUIZEN.

Next to the Copenhagen Market this is perhaps the most universally popular cabbage with both growers and users. It is later than the former, being intermediate between it and the Premium Flat Dutch. Plant is short stemmed, heads large, round and very solid with very few outer leaves... Pkt., 5c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.25; 1 lb., \$2.45; postpaid.



Glory of Enkhuizen



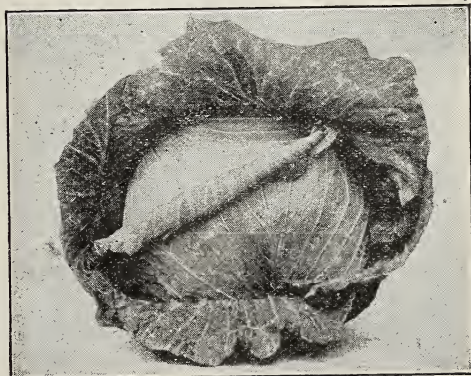
Danish Ballhead

DANISH BALLHEAD. (Short stem or Hollander). This variety is one of our specialties. It is one of the hardest and the heads weigh more for their size than any other sort we have ever tried. The round, pale blue green heads will average from eight to ten inches in diameter, crisp, tender and sweet, unexcelled for slaw and sauerkraut. While drought resistant, it will not rot in wet seasons. A great keeper and to our minds the best late cabbage. Pkt., 5c; oz., 25c; ¼-lb., 95c; ½-lb., \$1.80; 1 lb., \$3.50.

RED DRUMHEAD The largest and best red cabbage. A sure header, the heads are round, solid, and deep red in color to the center. Pkt., 5c; oz., 25c; ¼-lb., 95c, postpaid.

WILL'S SELECTED PREMIUM FLAT DUTCH. The largest of the standard late varieties, low growing and a sure header. The flattened heads are bluish green, compact, of handsome appearance, and fine quality. Deservedly this is the most popular of the late flat heading sorts. Pkt., 5c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.25; 1 lb., \$2.25.

Why Bugs Leave Home. Prepare for Cabbage Worms by purchasing Slug Shot or Noxem with your seeds. See page 49.

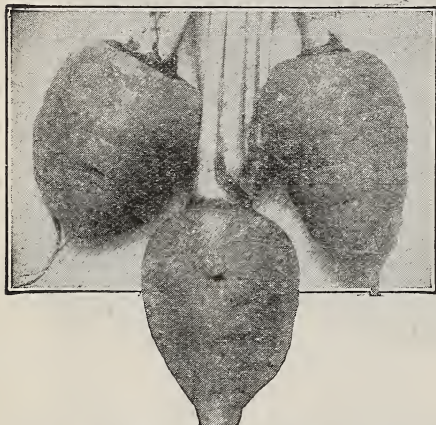


Selected Premium Flat Dutch

Carrots

One ounce will sow 100 feet of drill; 3 to 4 pounds per acre.

CULTURE—Carrots to grow to perfection require a deeply cultivated, rich and well pulverized soil. Sow early in the spring as soon as the soil is fit to work, in drills 15 to 18 inches apart, cover one inch deep and press the soil firmly over the seed. If desired to cultivate with horse, make rows three feet apart.



Oxheart

FRENCH FORCING. The earliest variety, used largely for forcing. The tops are small and the roots almost round and about 2½ inches in diameter, orange-red in color. Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.40, postpaid.

DANVERS HALF LONG. The best known second early, half-long sort, a great yielder and a first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close textured flesh and little core. Although the roots are comparatively short, they yield as heavily as the larger sorts. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid. 5 lbs., by express or freight, \$5.25.

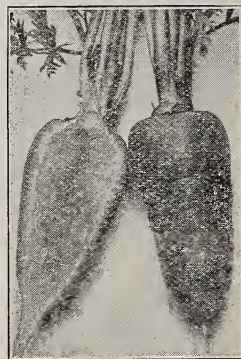
IMPROVED LONG ORANGE. An old standard sort, unusually desirable for either field or garden use. A medium early variety and a tremendous yielder, the roots penetrate deeply enough so that the plant will get moisture even in very dry weather, an important feature in the Northwest. The roots run about 12 in. long and 3 in. in diameter, flesh bright orange, smooth, sweet and fine-grained. A very good keeper. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 95c, postpaid. By express or freight, 5 lbs., \$4.25.



Chantenay

OXHEART OR GUERANDE. We do not hesitate to call this the most valuable variety in existence. It is intermediate as to length and from 4 to 5 inches in diameter. With bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. Its roots continue of best flavor throughout the season and, where other varieties have to be dug, are easily pulled. This wonderful sort has yielded as high as 1,200 bushels to the acre. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid. 5 lbs., by express or freight \$5.25.

EARLY HORN. This very early stump-rooted variety is fine grained and of agreeable flavor. It is a favorite for early spring planting and table use. Pkt., 5c; oz., 15c; ¼-lb. 45c; ½-lb., 80c; 1 lb., \$1.40, postpaid.



Danvers Half Long

CHANTENAY CARROT. This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with the market gardeners. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid. 5 lbs., by express or freight, \$5.25.

We are always well pleased with your seeds. We used your seed ever since we are in this part of the country for 16 years and found them always O. K.

Julius Van Daele,
Bierman, N. D.

Stock Carrots

GIANT WHITE OR BELGIAN

The stock carrot is one of our best feed crops. it is a remarkably efficient feed for all domestic animals but especially good for horses. This is the heaviest yielding variety. The roots are about 16 inches long, white under ground and green above. They grow about one-third above ground, and are easily lifted. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 85c, postpaid. 5 lbs., by express or freight, \$3.50.



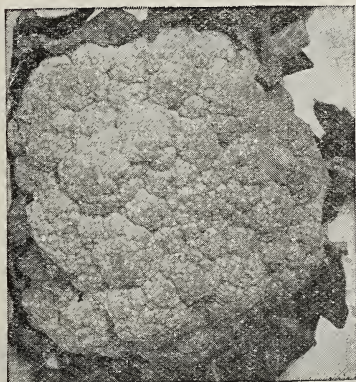
Giant White Carrot

Cauliflower

One of the Most Profitable Crops for Market and Small Gardeners

CULTURE—Cauliflower culture is practically the same as that of cabbage. One ounce of seed will produce about 3,000 plants, seed is started in cold frame and plants set in field during May or early in June. In spite of the general belief cauliflowers are just as easy to raise as cabbage.

Our pedigreed Danish Cauliflower seed is the best you can buy anywhere.



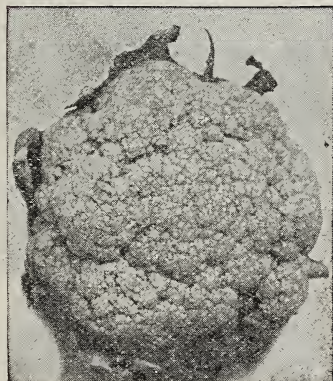
Danish Perfection

DANISH PERFECTION. This is the very earliest cauliflower grown; heads small, round and uniform, quality excellent, keeping quality good. Can be placed on the market early to command the best price and is unexcelled for the home garden. A sure header, the inner leaves curl over, largely doing away with the need of tying up the heads. Pkt., 10c; oz., \$2.25.

LARGE EARLY ERFURT. This is unquestionably the leading variety for market and private use. For reliability of heading, size and solidity of head, it has no superior. The plants are dwarf, and while the outer leaves are erect, the inner ones lap over the heads, fully shading them from the sun and preserving them a beautiful snowy white. Pkt., 5c; oz., \$2.00, postpaid.

SNOWBALL. The most productive early variety that can be grown, and hence very popular with those who grow for the market. Very uniform with medium sized, pure white heads of fine quality. Of the Early Paris type but very much superior. It has given us exceptional results in our own plantings. Pkt., 5c; oz., \$2.00.

DRY WEATHER CAULIFLOWER. A drought resistant sort of great merit, and especially valuable in the Northwest, where so many varieties of cauliflower fail to head on account of dry weather. Heads are very large and well protected by heavy leaves. Intermediate as to earliness. Pkt., 10c; oz., \$2.50, postpaid.



Dry Weather

For Cauliflower Plants See Page 78

BORECOLE OR KALE

GREEN CURLED OR SCOTCH. This is more hardy than cabbage and makes excellent greens for fall and early spring. A good frost improves the quality. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.

BROCOLI

PURPLE CAPE. Forms heads much like cauliflower, but is hardier and gives excellent results in cool localities. Pkt., 5c; oz., 55c, postpaid.

BRUSSELS SPROUTS

PARIS MARKET. This is by far the most delicately flavored of the cabbage family. Our strain is of half dwarf growth bearing handsome, solid, round sprouts of best quality, crowded together on the stalks. Pkt., 5c; oz., 20c; ¼-lb., 70c; 1 lb., \$2.40.

CHERVIL

CURLED. More handsome and finely curled than parsley and useful in garnishing. Our strain is very early and finely flavored. Pkt., 5c; oz., 20c; ¼-lb., 60c; 1 lb., \$2.00, postpaid.

CHINESE CABBAGE (Pe-Tsai)

A wonderful salad plant resembling Cos Lettuce. It should be planted early in the spring and again about the middle of July, as it goes to seed rapidly in hot weather. Tie up to blanch the inner leaves a creamy white, when its mild and pleasant flavor make it distinctive served as salad or cooked like cabbage. Our Wong Bok strain has given us better results than any through several years of trials and is the surest heading sort. Pkt., 5c; oz., 25c; ¼-lb., 85c, postpaid.



Chinese Cabbage

CHICORY

LARGE ROOTED OR COFFEE. The roots dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. The leaves make an excellent salad for early spring use. Pkt., 5c; oz., 15c; ¼-lb., 50c, postpaid.

CORN SALAD

LARGE ROUND LEAVED. This is a small, quick growing salad plant for late fall or early spring. It may also be cooked for greens. Pkt., 5c; oz., 15c; ¼-lb., 55c, postpaid.

CRESS

FINE CURLED OR PEPPER GRASS. Its leaves impart an agreeable and pungent taste to salads, and are also used for garnishing. Pkt., 5c; oz., 10c; ¼-lb., 20c, postpaid.

ENDIVE

CULTURE—Sow outdoors in rows 18 inches apart; later thin to 6 inches in the row. If wanted for salad tie up leaves to blanch. 1 ounce plants a 50 ft. row, or makes 3,000 plants.

MAMMOTH GREEN CURLED. The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. Pkt., 5c; oz., 10c; ¼-lb., 35c.

KOHL RABI

One ounce sows 150 ft. drill.

CULTURE—About the same as for turnips.

EARLY WHITE VIENNA

An early variety of excellent flavor, tender and meaty. Pkt., 5c; oz., 20c; ¼-lb., 70c, postpaid.

LEEK**LARGE LONDON OR FLAG.**

Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. Pkt., 5c; oz., 20c; ¼-lb., 75c, postpaid.

GOURDS

NEST EGG. Resembling in color, shape and size, the hen's egg. Do not crack, last for years and make the best nest eggs. Rapid grower and good climber; extremely ornamental, and useful in covering screens, etc. Pkt., 5c; oz., 20c; ¼-lb., 70c, postpaid.

NEW JAPANESE DISH CLOTH OR LUFFA. Ornamental enough for a house vine, and fruit is very useful. Fruit enormous, two feet in length and borne in great profusion. The lining of mature fruit, when washed and bleached, is porous, elastic and sponge-like, making the nicest, cleanest substitutes for dish cloths and bath sponges imaginable besides being useful for various articles of fancy work. Pkt., 5c; oz., 20c; ¼-lb., 70c, postpaid.



White Vienna Kohl Rabi

**Golden Self-Blanching.**

GOLDEN SELF-BLANCHING CELERY. This is absolutely the best sort to plant for the market. It is not quite so early as White Plume but the plants are heavier and of more compact growth. Like White Plume, too, it is self-blanching, but the color is a richer golden yellow. Nearly stringless, the stalks are thick, crisp and brittle, while for flavor this sort is unsurpassed. **Pkt., 10c; oz., 30c; 1/4-lb., 80c; 1/2-lb., \$1.50; 1 lb., \$3.00, postpaid.**

WHITE PLUME. One of the earliest varieties and most easily blanched. While not a very good keeper, it is one of the best sorts for fall and early winter. It grows rapidly and blanches readily during the summer. In fact the inner part of the stalk really needs no blanching at all, though the outer leaves are made more tender by it. **Pkt., 5c; oz., 20c; 1/4-lb., 75c; 1/2-lb., \$1.40; 1 lb., \$2.50, postpaid.**

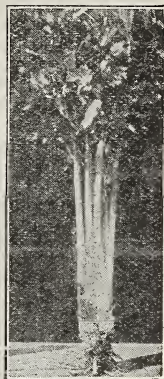
CELERIAC OR TURNIP ROOTED CELERY. This is a celery of which only the root is used. Should be planted like other celery, but need not be banked. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. **Pkt., 5c; oz., 20c; 1/4-lb., 50c.**

PRICES ON THE FOLLOWING STANDARD VARIETIES: **Pkt., 5c; oz., 15c; 1/4-lb., 55c; 1/2-lb., 90c; 1 lb., \$1.75, postpaid.**

GIANT PASCAL. A compact, vigorous sort, a good keeper and one of the best varieties for fall and winter.

NEW ROSE. The best of the red or pink traced varieties.

GIANT GOLDEN HEART. A selection from Golden Self Blanching and a great favorite with gardeners.

**White Plume**

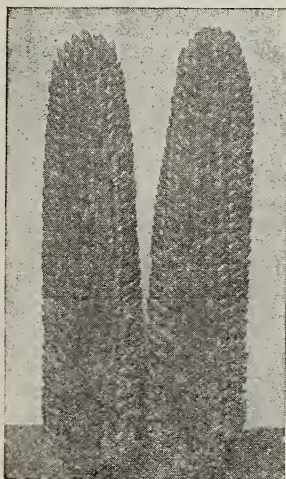
POP CORN

IRIQUOIS. This is a variety of the rice type, obtained from the Iriquois Indians of New York several years ago. It has proved much earlier than the ordinary White Rice and a good yielder as well. **Pkt., 5c; 1/4-lb., 15c; 1/2-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., 80c.**

GOLDEN TOM THUMB. This is the very earliest variety of Pop Corn grown, and so is exceptionally valuable in the Northwest. Not a heavy yielder and the ears are small, but the quality is excellent and it never fails. **Pkt., 5c; 1/4-lb., 15c; 1/2-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., 80c.**

WHITE RICE. Pearly white, rice shaped kernels. We furnish only northern grown seed of the earliest type. No other will mature in the Northwest. **Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.25.**

JAPANESE HULLESS. Of wonderful quality for popping purposes. Always sells at a premium over the other sorts. It is, however, rather late and we have hesitated to catalog it on that account. A few years ago, however, we found an early strain which has now ripened with us for seven years and we offer our own grown seed. **Pkt., 5c; 1/4-lb., 15c; 1/2-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., \$1.00.**

**Iriquois Pop Corn**

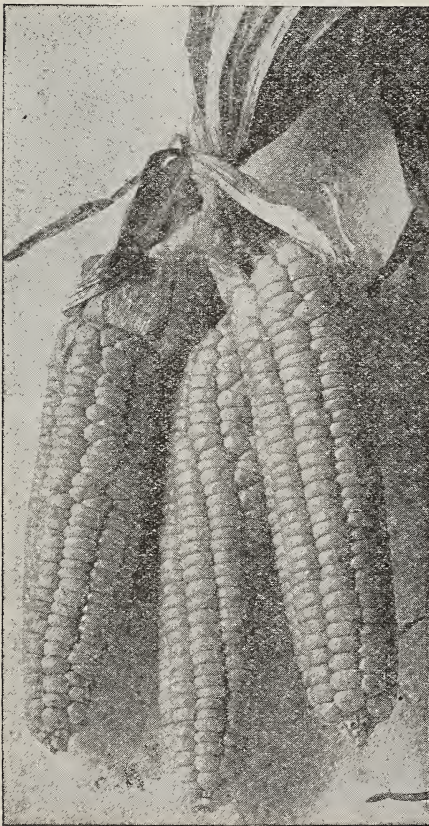
Our Specialty SWEET CORN Our Specialty

CULTURE—Plant in drills about three feet apart one kernel every six inches, or in hills $2\frac{1}{2}$ feet apart in the row, and the rows three to three and one-half feet apart, dropping four or five kernels in a hill. Corn of any sort should not be planted until the ground has become warm as cold, wet ground is sure to rot the seed before it can germinate.

One-fourth pound to 100 hills; 10 pounds per acre. One pound of sweet corn is a little more than a pint.

YELLOW ASSINIBOINE.—The Earliest Corn in the World. This very early, eight rowed yellow flour corn is a selection bred by us from the corn of the Canadian Assiniboine Indians and makes roasting ears a full week before Will's Early June and at least two weeks before any other sweet corn. Being a flour corn it is nearly the equal of sweet corn in quality and

flavor. It ripens fully in sixty days and with this variety there is



Will's Early June



Yellow Assiniboine

no place in the United States where roasting ears cannot be produced. A grand first early market-gardeners' corn. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., 60c; 10 lbs., \$1.00; 50 lbs., \$3.50; 100 lbs., \$6.75.

NUETTA—The most prolific and hardiest Sweet Corn—A North Dakota Native Product. Our original seed was obtained from a Mandan Indian and we have selected it for the past eleven years. It is the most productive variety we have and bears several ears to a stalk, nearly as early as Will's Early June and much larger. The dried seed is red but when fit for eating the ears are a rich golden yellow and very sweet, rivalling the Golden Bantam. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., 75c; 10 lbs., \$1.40; 50 lbs., \$6.50; 100 lbs., \$12.00.

WILL'S EARLY JUNE—(Registered U. S. Patent Office)—The Earliest True Sweet Corn. A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious sweet corn. The white, eight rowed ears are from $4\frac{1}{2}$ to 6 inches long. This sort is in great demand in Canada and the mountain regions where the season is short, and with market gardeners and corn lovers who wish the earliest. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 30c; postpaid. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.75; 50 lbs., \$8.00; 100 lbs., \$15.00.

I planted some of your Nuetta and Will's Early June sweet corn last year and was much pleased with them. In fact it was the only corn I have ever been able to grow here for we surely have one hell of a climate.

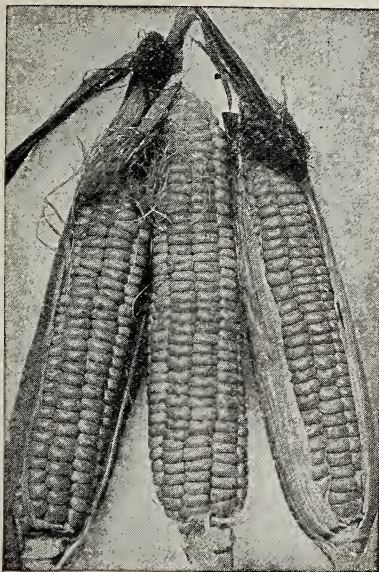
Joe F. Walker, Adin, California.

See Our Sweet Corn Collection on Page 3

SWEET CORN

IMPROVED EARLY DAKOTA.

This northern grown selection of Mammoth White Cory comes in after Nuetta. Combining size with earliness, it is the largest of the extra early sorts and one of the best.



Will's Banana Cream

STOWELL'S EVERGREEN

This old reliable, late, tall growing sort is perhaps the great standard main crop. The ears are large, usually 16 rowed, with very sweet deep white kernels. Beside its table uses the rank fodder that characterizes this variety makes it extremely valuable for the dairy herd. Pkt., 5c; 1/4-lb., 15c; 1/2-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., 80c; 10 lbs., \$1.50; 50 lbs., \$7.25; 100 lbs., \$14.00.

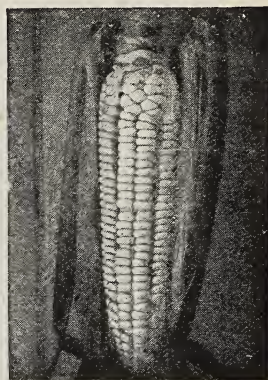
Your Banana Cream sweet corn is the best and sweetest I ever ate.

Mrs. Lizzie Clark
Kewanna, Ind.

I guess you will be surprised to know that I made rate of \$250.00 per acre on corn last year and crop was all off by July 12th. Intend to do as well or better this year.

L. B. Doran,
Aurora, Mo.

The white ears are 10 to 12 rowed, 7 to 8 inches long, borne two to a stalk. This is the market gardener's best bet. Pkt., 5c; 1/4-lb., 15c; 1/2-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., 90c; 10 lbs., \$1.75; 50 lbs., \$7.75; 100 lbs., \$15.00.



Improved Early Dakota

GOLDEN BANTAM.

The finest sweet corn in cultivation and the most popular. It is the sweetest and tenderest, a heavy producer, and the ears remain edible for an unusually long time. Our Burleigh County grown seed is as good as the best. Pkt., 5c; 1/4-lb., 15c; 1/2-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., 75c; 10 lbs., \$1.40; 50 lbs., \$6.50; 100 lbs., \$12.00.

WILL'S BANANA CREAM.

This medium late variety follows Golden Bantam and was first introduced by us in 1897. It is an unusually delicious table corn with large well filled ears, which remain fit for table use longer than those of any other variety we have ever tested. Without question the best main crop sort for the Northwest. Pkt., 5c; 1/4-lb., 15c; 1/2-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., 89c; 10 lbs., \$1.50; 50 lbs., \$6.50; 100 lbs., \$12.00.

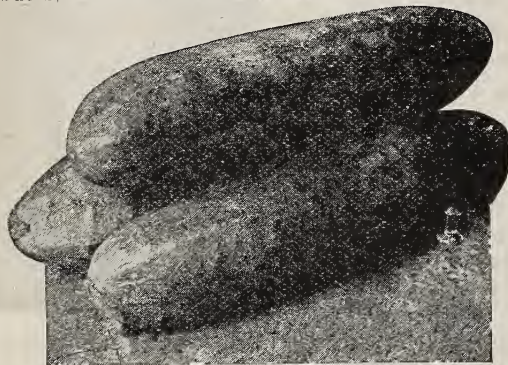


Stowell's Evergreen

CUCUMBERS

One ounce of seed will plant fifty hills.

CULTURE—As soon as the weather becomes warm and settled in the spring, plant in well prepared soil in hills four or five feet apart each way with eight or ten seeds in a hill, cover one-half inch deep with soil well firmed to prevent too rapid evaporation. When plants are well developed weed out all but four or five of the strongest; thorough, but shallow cultivation is essential.



IMPROVED LONG GREEN

This old favorite variety is unequalled among the later sorts. The rich dark green fruits average 12 inches long with crisp white flesh, the standard of table quality and unexcelled for pickles when small. Our stock is superior. Pkt., 5c; oz., 15c; 1/4-lb., 45c; 1/2-lb., 75c; 1 lb., \$1.40, postpaid.

EARLIEST OF ALL. This is by all odds the very earliest cucumber of quality in cultivation, and has only been introduced for the past four years. At least a week earlier than the Early Fortune, though not as fine a fruit or good a keeper. Especially valuable to those who desire to be first on the market. Pkt., 5c; oz., 10c; 1/4-lb., 35c; 1/2-lb., 60c; 1 lb., \$1.15, postpaid.

COOL AND CRISP. This is an unsurpassed pickling variety. Of even size and shape, fine grained and excellent flavor; it is sought for its pickling qualities. In addition it is

a wonderfully productive yielder. Pkt., 5c; oz., 10c; 1/4-lb., 35c; 1/2-lb., 60c; 1 lb., \$1.15, postpaid.



Earliest of All

CHICAGO PICKLING. The old reliable variety for making small pickles; very profitable variety for those who sell to canners as it is used almost exclusively by the largest factories. We are able to make the price attractive. Pkt., 5c; oz., 10c; 1/4-lb., 35c; 1/2-lb., 60c; 1 lb., \$1.05, postpaid.

EARLY CLUSTER. A pickling type often setting fruit in clusters of 2 or 3. Pkt., 5c; oz., 10c; 1/4-lb., 35c; 1/2-lb., 65c; 1 lb., \$1.20.



Chicago Pickling

ARLINGTON WHITE SPINE. One of

the earliest and most productive of the famous white spine group. Fruit about seven inches long, rounded at both ends, and of bright deep green color. Very popular as a market variety on account of its good keeping qualities and its uniformity of size and shape. Pkt., 5c; oz., 10c; 1/4-lb., 35c; 1/2-lb., 60c; 1 lb., \$1.10, postpaid.



Arlington White Spine

Use Slug Shot For Cucumber Beetles—Page 49

Cucumbers



Early Fortune

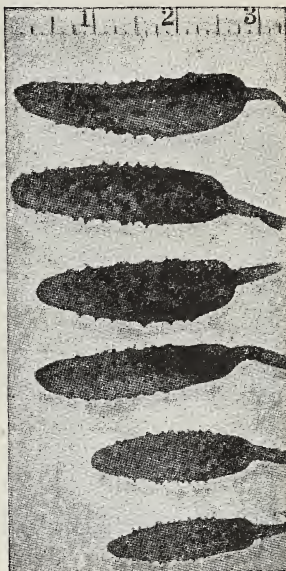
EARLY FORTUNE.

Each year serves to demonstrate further the superiority of this superb variety. Extra early, of perfect quality for eating and shipping, uniform and well shaped for small pickles, with strong, healthy foliage and a vigorous growth which proves its strong resistance to all diseases. Does not wilt quickly, nor ripen up too fast, and is a tremendous yielder. In trials with all other American varieties it has stood out as supreme. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1 lb., \$1.15, postpaid.

JAPANESE CLIMBING.

This variety is a producer of unusually long and well shaped fruits. It is especially adapted to growing on a trellis, owing to its strong vines and tendrils. This method insures better shaped fruits, reduces disease, and is particularly necessary in moist climates where good shaped fruits cannot otherwise be grown. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1 lb., \$1.15, postpaid.

Cucumbers



Early Fortune
Pickling Size

WHITE WONDER. A splendid white variety. One of the handsomest cucumbers. The cucumbers are ivory white in color, of good keeping quality and average about eight inches in length and two and one-half inches through. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1 lb., \$1.20, postpaid.

WEST INDIA GHERKIN. An old and very popular pickling variety. Remarkable for its small, short fruits which are produced in wonderful abundance. Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 90c; 1 lb., \$1.75, postpaid.

EGG PLANT

CULTURE—Sow the seed (which is slow to germinate) in hot bed or in pots or boxes in the house early in the spring. When all danger of frost is past, transplant in the open ground 2½ to 3 feet apart each way.

Egg plant is one of the most delicious vegetables and, contrary to the general opinion, is very easy to raise. The early varieties only should be planted in the Northwest, but if they are used an abundance of ripe fruit is sure if the plants are started in good season.

EXTRA EARLY DWARF. This is the very earliest egg plant grown, ripening nearly two weeks before any of the late sorts. The fruit is perhaps even more delicious than the larger sorts, and it is altogether an exceedingly satisfactory sort for our section. Pkt., 10c; oz., 50c; ¼-lb., \$1.60, postpaid.

BLACK BEAUTY. This is the very earliest of the large type egg plant, and is an excellent variety as well for several other reasons. The fruit is a very uniform dark purple, the size is large and uniform and the color and texture holds for an unusually long time. Pkt., 5c; oz., 45c; ¼-lb., \$1.25, postpaid.

For Egg Plant Plants, See Page 78



Extra Early Dwarf

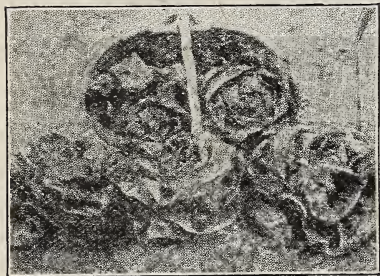
I will say that Oscar H. Will's seeds are always of the best and what is equally as important, one can depend on your description.

George I. Hasbrouck, R. No. 1 Havelock, N. D.

Lettuce

CULTURE—For very early use the seed may be sown in hotbed, and, as soon as the weather permits, may be sown in the open ground, in rows 18 inches apart and not over one-half inch deep. If planted too deep the seed will not germinate. Sow every two or three weeks for a succession. One ounce for 200 feet of drill.

CURLED OR LOOSE HEAD VARIETIES



Early Curled Simpson

TOMHANNOCK. An early erect variety. The leaves are very large, much blistered and crumpled, deep bright brown shading to a light green inside, crisp and fine flavored. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.

PRIZEHEAD. This old favorite is undoubtedly the most easily grown variety in cultivation and excellent for the home garden. It is early, compact in growth, and stands heat. The leaves are much crumpled and frilled, bright green tinged with brownish red, very crisp and tender. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1 lb., \$1.10, postpaid.

HEADING VARIETIES

EARLY BLACK SEEDED TENNISBALL. One of the most reliable, sure-heading sorts. The heads are large, solid and of fine quality. The outside leaves are a clear dull green, broad and crumpled. The State Agricultural College reports that this variety was the only one in their trials that headed during the summer of 1921. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.



May King

ICEBERG. A large, crisp cabbage-heading variety of good quality. The heads are firm and well blanched. The outer leaves are crumpled and blistered; in color a medium green with a faint brown tinge on the border. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.

EARLY CURLED SIMPSON. An old favorite and perhaps our best leaf lettuce for outdoor planting. The green leaves are broad, much crinkled, crisp and tender. Very early, it keeps in prime condition and does not run to seed as quickly as many of the early sorts. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.

GRAND RAPIDS FORCING. The favorite loose leaved forcing lettuce, and fine for early planting outside in this section. The leaves are light green, blistered and crumpled, with heavily fringed borders. Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 75c; 1 lb., \$1.35, postpaid.

DETROIT MARKET GARDENER. This variety is well adapted for outdoor growing or for forcing in the greenhouse and hotbed. Its best quality is perhaps its ability to stand high temperatures which makes it an ideal variety for second sowings in the home garden. The plant is compact, light green in color, with crisp, tender leaves. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.



Prizehead

CRISP-AS-ICE—HARTFORD BRONZE HEAD. The compact leaves are of medium size and slightly elongated, of excellent quality. The leaves are broad, crumpled, thick and stiff, and in color a dark green overlaid with bronze. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.

BROWN DUTCH. A very hardy medium sized variety. The outer leaves are broad and thick, and tinged with bronze red. The firm head blanches a buttery yellow within, sweet and tender. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.

MAY KING. An extremely early compact heading variety. The leaves are a light yellowish green, just tinged with brown. Inner leaves blanch a golden yellow. The quality is fine and it is ready for use before any other head lettuce. Perhaps the best head lettuce for this section. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1 lb., \$1.10, postpaid.

NEW YORK OR WONDERFUL. A large variety of fine quality, largely planted by commercial growers of head lettuce, especially in Colorado. The heads are very solid, of finest quality, with outer leaves a rich dark green. It withstands heat and is one of the best heading sorts for the home garden. This variety is known in some localities as Los Angeles. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 55c; $\frac{1}{2}$ -lb., \$1.05; 1 lb., \$2.00, postpaid.

BIG BOSTON. One of the most popular and widely grown varieties. The plants are large, hardy and vigorous. The outer leaves are broad, relatively smooth, and crisp; in color a light green tinged with brown. The heart blanches a greenish white tinged with yellow. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 35c; $\frac{1}{2}$ -lb., 60c; 1 lb., \$1.00, postpaid.

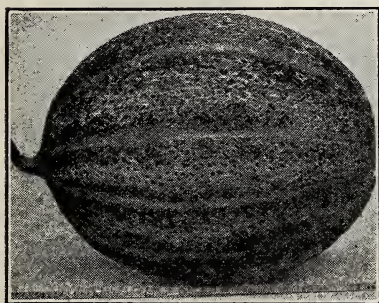
IMPROVED HANSON. One of the most reliable, sure heading sorts. The heads are large; the leaves clear green, blistered and crumpled, with frilled borders. For planting outdoors this is one of the very best sorts, as it withstands heat and drouth and is a slow seeder. We recommend this variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 35c; $\frac{1}{2}$ -lb., 65c; 1 lb., \$1.20, postpaid.



Improved Hanson

Romaine or Cos Lettuce

PARIS WHITE. This is a distinct type of lettuce with a conical, rather tight head, dark green in color with smooth, thick leaves. Blanches to a beautiful white inside when it becomes exceedingly crisp and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 35c; $\frac{1}{2}$ -lb., 65c; 1 lb., \$1.25, postpaid.



Extra Early Osage

MUSKMELON

One ounce of seed for fifty hills; 2 or 3 pounds per acre.

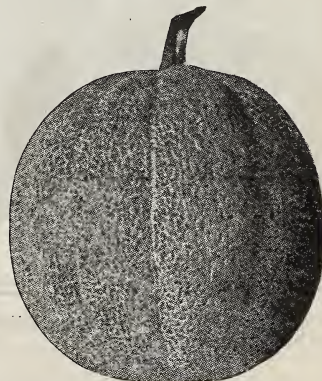
CULTURE—When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly the whole season, but not to exceed two inches deep, keeping the surface as smooth as possible. Only our early, hardy melons are worth planting in the Northwest.

EXTRA EARLY OSAGE. This is the earliest salmon fleshed variety and one of the very best sorts grown. The oval fruit is dark green, slightly ribbed and grey netted, and is from a week to ten days earlier than the old Osage. The flesh is a rich orange-salmon, very thick with small seed cavity. A grand sort for Northwestern conditions, ideal for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 40c; $\frac{1}{2}$ -lb., 70c; 1 lb., \$1.30, postpaid.

EXTRA EARLY HACKENSACK. It is a large sized deep ribbed, round melon, with thick green flesh of delicious flavor. It is the best of the large varieties. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; $\frac{1}{2}$ -lb., 55c; 1 lb., \$1.10, postpaid.

GOLD LINED ROCKYFORD (Eden Gem). A round, uniform sized, heavily netted muskmelon of finest quality, an excellent shipping sort and largely grown by market gardeners. The flesh is green, tinted yellow at the center. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; $\frac{1}{2}$ -lb., 55c; 1 lb., \$1.00, postpaid.

PAUL ROSE OR PETOSKEY. An oblong, deep green, extra good keeper and shipping salmon-fleshed melon. The fruit is oval and about five inches in diameter. The flesh is thick, firm and highly flavored. It represents the highest combination of flavor and keeping qualities. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 35c; $\frac{1}{2}$ -lb., 60c; 1 lb., \$1.15, postpaid.



Gold Lined Rockyford

More Muskmelons on the next page.



Extra Early Knight

PAGE'S EARLY—The Earliest of All Muskmelons. Each year we become more firmly convinced of the value of this muskmelon to the Northwest. It is without question the very earliest variety grown, drouth resistant and a heavy yielder. By selection from the somewhat varied types present in the original stock we believe that we are improving the quality which at first was not of the best. We have a large stock of seed this year of our own raising from selected types. Pkt., 5c; oz., 15c; ¼-lb., 55c, postpaid.



Page's Early



Emerald Gem

EMERALD GEM. An extremely early sort; the fruit is a rich emerald green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, very sweet and luscious. The vines are hardy and very prolific. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.

VINE PEACH (Vegetable Orange or Mango Melon). This prolific fruit is the size of a medium orange and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a Peach. Pkt., 5c; oz., 20c; ¼-lb., 50c, postpaid.

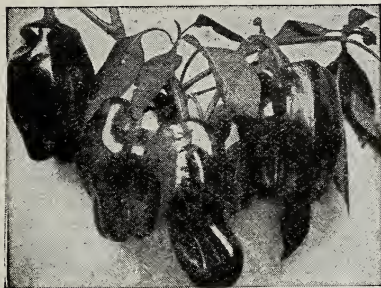
GARDEN LEMON. The fruit is smaller than the Vine Peach, which it resembles in growth, but has a thinner flesh and more acid flavor. It is a novelty of value. Pkt., 5c; oz., 20c; ¼-lb., 50c, postpaid.

Please send in all possible haste, as Will's seeds are the only ones worth a whoop for this climate.

Mrs. James P. Mansfield,
Geyser, Mont.

Pepper

CULTURE—Sow the seed (which is slow to germinate) in hotbed or boxes in the house. When large enough transplant into other boxes and pots, and, when all danger of frost is past, transplant in the open ground in rows 2½ feet apart, setting the plants about 18 inches apart in the row.



Neapolitan

gardens. The fruits ripen early and quite often attain a length of five inches. The flesh is thick, sweet and mild. Fine for pickles and salads. **Pkt., 5c; oz., 40c, postpaid.**

LARGE BELL OR BULL NOSE. A standard early variety, and popular as a pickling sort. The scarlet fruits are three inches long and blunt ended. The flesh is thick and mild. **Pkt., 5c; oz., 35c.**

CHINESE GIANT. One of the largest of the mild red varieties, 4 to 5 inches in diameter and of equal length. When ripe the color is a brilliant scarlet. It is fairly early and prolific, tender, mild and sweet. **Pkt., 5c; oz., 40c.**

RED CAYENNE. The pods are long and slender, and when ripe a bright red, extremely strong and pungent. **Pkt., 5c; oz., 35c.**

For Hardy Pepper Plants, See Page 78.

OKRA

DWARF GREEN. A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. **Pkt., 5c; oz., 10c; ¼-lb., 25c, postpaid.**

PARSLEY

CULTURE—Soak the seeds a few hours in luke warm water and sow early in spring in drills one foot apart. Thin out the plants to about four inches. Cover the seed not more than one-half inch. Very slow to germinate, usually three weeks.

CHAMPION MOSS CURLED. Leaves beautifully curled and moss-like, of the richest green. **Pkt., 5c; oz., 10c; ¼-lb., 25c; 1 lb., 80c, postpaid.**

TURNIP ROOTED. The roots, instead of the tops, are used for soups and flavoring meats, gives richer flavor. If cut into small pieces, is a delicious vegetable. **Pkt., 5c; oz., 10c; ¼-lb., 35c, postpaid.**

NEW XXX PARSLEY. The wonderful dark green color and the exquisite fern-like appearance are remarkable. The habit of the plant is dwarf and compact. The flavor is the very best. **Pkt, 5c; oz., 10c; ¼-lb., 30c, postpaid.**



Moss Curled Parsley

RHUBARB OR PIE PLANT SEED

MONARCH. Ours is the most vigorous and productive variety known. The leaf stalks are very numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor and excellent for preserving. **Pkt., 5c; oz., 15c; ¼-lb., 55c; 1 lb., \$2.10.**

For Roots, see Page 82.

Have used your seeds for years and they have always given best of satisfaction. Our garden has never failed us even in poor years.

Walter J. Houghton, Cooperstown, N. Dak.

Selected Watermelons

One ounce of seed for 30 hills. 2 or 3 pounds per acre

CULTURE—When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground.

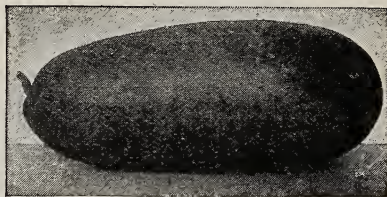
COLE'S EARLY. One of the earliest and best. It is very hardy, vigorous, and a sure cropper. The melons are of medium size, green with lighter stripes. The delicious quality of the bright red flesh is sustained clear to the thin rind. This is one of the best varieties ever offered. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 85c, postpaid.



Cole's Early

PEERLESS OR ICE CREAM. Very early, a short oblong in shape. This is one of the best varieties for the North. The rind is thin, light green, mottled and veined with a darker shade. The flesh is bright scarlet and as sweet as honey. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 85c, postpaid.

PHINNEY'S EARLY. The very earliest large, oval melon. The melons are oblong in shape, while the rind is so mottled with various shades of green as to present an almost scaly appearance. It is a very early sort, hardy and bears abundantly. The flesh is pink and tender. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 45c; 1 lb., 75c, postpaid.



Kleckley Sweets

KLECKLEY SWEETS—MONTE CRISTO. This melon is fairly large, oblong and tapering toward the stem end. The rind is a very dark green. The flesh is scarlet and ripens nearly to the rind. This is one of the best and sweetest watermelons in cultivation. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 85c, postpaid.

COLORADO PRESERVING MELON. This is quite distinct from the old fashioned citron as it is larger and more productive. The flesh is firm and solid, with but few seeds and makes preserves of finest flavor. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 90c, postpaid.

CITRON. A round, handsome fruit of small size, with white solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 90c, postpaid.



Colorado Preserving Melon

WINTER WATERMELON. With white rind, clear bright red flesh, and black seeds. Good at maturity with ordinary melons, if stored in a cool dry place will keep until Christmas. Pkt., 10c; oz., 20c; ¼-lb., 50c; ½-lb., 90c; 1 lb., \$1.60, postpaid.

Your seeds are fine and very reasonable in price. We had less than ½ acre of watermelons that netted us \$250.00 last year. There were several Will's Sugar melons that weighed 15 lbs. We had three varieties, Cole's Early, Phinney's Early and Will's Sugar. My Persian Rose bush had 65 roses at one time. We have always had good results from your seeds.

Mrs. Louis Lee
Hatton, N. Dak.

Plant Will's Northern Grown Watermelon Seed For Results



Field View of Will's Sugar Watermelon

WILL'S SUGAR WATERMELON. This pioneer variety, which we introduced in 1892 still remains the favorite for the Northwest. It is the earliest melon grown, and combines with that very necessary quality hardness and heavy production. In sweetness it is surpassed by no melon grown, and the bright red flesh and small black seeds make a very pleasing contrast. We have never been able to grow enough of the seed to supply all demands. **Pkt., 5c; oz., 15c; 1/4-lb., 40c; 1/2-lb., 75c; 1 lb., \$1.45, postpaid.**

Have been using your seeds for many years. Can't afford to sow other company's seeds. Have found out yours are the best. Will's Sugar Watermelons are wonderful.

Mr. Enoch Anderson,
Sebeka, Minn., R. No. 2

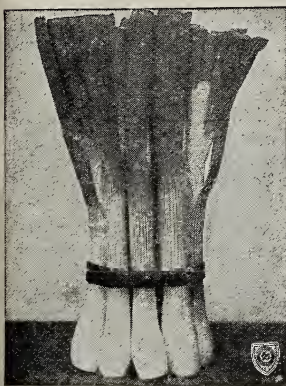
Onion Sets

Unless otherwise instructed we shall hold onion set orders till danger of freezing is past. Bottom Onion sets are the product of seed planted closely to prevent full development.

OVERSIZE BOTTOM SETS. Red, Yellow and White, about $\frac{3}{4}$ to $1\frac{1}{4}$ in. in diameter. **By express or freight, Pk., 75c; 1/2-bu., \$1.25; 1 bu., \$2.00.**

YELLOW AND RED BOTTOM SETS. Fine, well cured North Dakota grown sets, either sort. **Pt., 20c; qt., 30c; 1/2 Peck, 85c; postpaid. By express or freight, pk., \$1.30; 1/2-bu., \$2.25; bu., \$4.00.**

WHITE BOTTOM SETS. Preferred by some because of the color. **Pt., 25c; qt., 35c; 1/2-peck 95c, postpaid. By express or freight, pk., \$1.50; 1/2-bu., \$2.75; bu., \$5.00.**

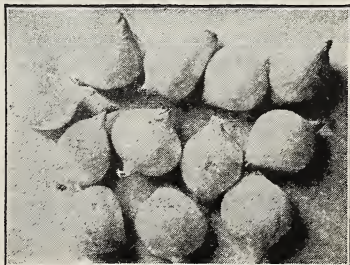


Green Onions From Sets

TOP OR WINTER ONION SETS. Perennial. Live in the ground all winter and start very early in the spring. **Pt., 25c; qt., 40c postpaid. By express or freight, pk., (7 lb.), \$1.50; bu., \$5.00.**

MULTIPLIER ONIONS. Also called Bunch Onions or Potato Onions. Excellent for early Spring Onions. **Pt., 30c; qt., 50c, postpaid. By express or freight, pk., \$1.75; bu., \$5.50.**

GARLIC—Bavarian, Lb., 40c, postpaid, 5 lb., \$1.75.



White Bottom Onion Sets

Will's Best American Grown Onion Seed

One ounce for 300 feet of drill, 4 to 5 pounds per acre.

CULTURE—Sow as early in the spring as ground can be worked, in drills 15 inches apart, covering one inch deep.

RIGHT QUALITY AND RIGHT PRICES

WILL'S

DAKOTA

GLOBE

**THE
MONEY
MAKING
ONION**

We believe this to be the finest and best selected strain of Southport Yellow Globe, the most popular and most largely grown yellow onion. It is early, productive, uniform in its deep yellow color, true deep globe shape, with small neck, and an exceptionally



Will's Dakota Globe Onion

good keeper. The flesh is white, crisp and mild. An excellent onion to sow on breaking, and in every way adapted to our growing conditions in the Northwest. Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.50. By express or freight, 5 lbs., \$6.75.

AILSA CRAIG. This largest of the English sorts has gained in popularity every year since its introduction into this country. The type is globular, with fine thin neck, and deep straw-colored skin. The flesh is very white, always tender and very mild. This is one of the largest and best of Onions. Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., \$1.00; 1 lb., \$1.90, postpaid. By express or freight, 5 lbs., \$8.00.

AUSTRALIAN BROWN. This variety is extremely early and a wonderful keeper. There are no scullions and the bulbs form very early. This heavy yielder is of medium size with amber brown skin and solid white flesh. Onions of this sort have been kept a year in good condition. Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 75c; 1 lb., \$1.40, postpaid. By express or freight, 5 lbs., \$6.25.

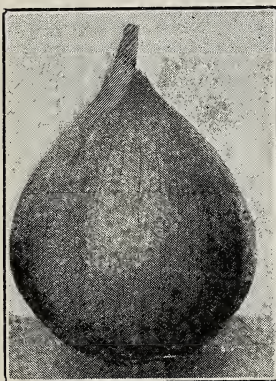
YELLOW PRIZETAKER. One of the largest onions grown and the mildest. It is productive and a sure cropper. The thin skin is a bright straw-yellow and the flesh is pure white. Our strain grows always to a perfect globe shape, the bulbs often attaining a weight of 2 pounds. Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 90c; 1 lb., \$1.75, postpaid. By express or freight, 5 lbs., \$8.00.

SOUTHPORT LARGE RED GLOBE. The finest type and most popular of the red onions. Our thin neck strain ripens down to a thick glossy purplish-red ball. It is a sure ripener, a good keeper, and very showy when cleaned for market. Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., \$1.00; 1 lb., \$1.80, postpaid. By express or freight, 5 lbs., \$8.00.

Will say I have used your seeds for a number of years and have always been well pleased. Last year I took 3 First Prizes on your garden seed. I sold my whole crop of Onions at \$3.00 a bushel. I had 155 bushels of Globe Onions from ¼ lb., of seed. They were whoppers, from 1 lb. to 2 lbs.

I. L. Ground,
Washburn, Wis.

WILL'S BEST AMERICAN GROWN ONION SEEDS

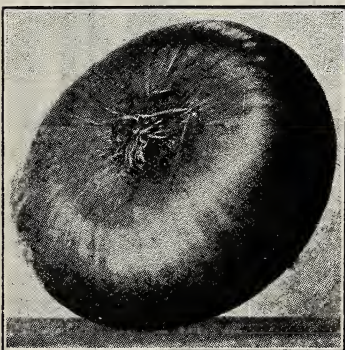
**Yellow Globe Danvers**

sively grown for sets than any other white variety. It is the best keeper of the white onions and fine for fall and early winter use. Our stock is an absolutely pure northern grown strain. Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., \$1.00; 1 lb., \$1.95, postpaid. By express or freight, 5 lbs., \$8.00.

BEST SOUTHPORT WHITE GLOBE. This pure white, thin skinned globe onion commands the highest market price. Our selected strain keeps well, is firm, fine-grained, and of mild flavor. Pkt., 5c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.30; 1 lb., \$2.40, postpaid. By express or freight, 5 lbs., \$11.00.

BEST NEW QUEEN. This is a small, rapid growing white onion used extensively for pickling and the table. It is a remarkable keeper. Pkt., 5c; oz., 20c; ¼-lb., 80c; ½-lb., \$1.50; 1 lb., \$2.75, postpaid.

LARGE RED WETHERSFIELD. One of the oldest and best known strains, a sure and heavy yielder; it is one of the very best keepers. The type is large, rather flat, and of a deep purplish red. The flesh is pinkish

**Red Wethersfield**

BEST YELLOW GLOBE DANVERS. This is a standard variety for winter use in all markets. Its skin is a rich orange yellow color. The flesh is pure white, crisp and mild in flavor. It is always a heavy yielder and because of its small neck cures well and makes splendid storage stock. Our selection is most carefully made, and fully equal to the best market garden varieties. Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 85c; 1 lb., \$1.60, postpaid. By express or freight, 5 lbs., \$7.00.

BEST EXTRA EARLY RED BERMUDA. The onions grow to an immense size and are very broad and flat. The skin is very thin and pale red in color. The flesh is pinkish white, fine grained, crisp and very mild. It will grow an onion from 1 to 1½ pounds from seed and is very early and profitable. Our strain is superior. Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.45; 1 lb., \$2.85, postpaid. By express or freight, 5 lbs., \$11.00.

WHITE PORTUGAL OR SILVERSKIN. The All Round Onion. A medium sized, flat, hard and fine grained onion of mild flavor and clear white skin. A favorite for pickles and bunching green onions when young and more exten-

**White Portugal or Silverskin**

white and strong flavored. It is the favorite for poor or dry soils. Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., 90c; 1 lb., \$1.70; postpaid. By express or freight, 5 lbs., \$7.75.

WELSH WINTER (Perennial). Plant this variety to get the earliest green onions. Seed may be sown either in fall or spring. The plants are perennial and live in the ground for years. Absolutely hardy, this is a money maker for the market gardener. Pkt., 5c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.30; 1 lb., \$2.50, postpaid.

CHIVES-SCHNITTLAUCH—Grass Onion. The perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. Pkt., 5c; oz., 50c.

We purchased our last years garden seeds of you and must admit that in our twenty two years of farming we never got the results as regards germination and trueness to type that we obtained from your seeds.

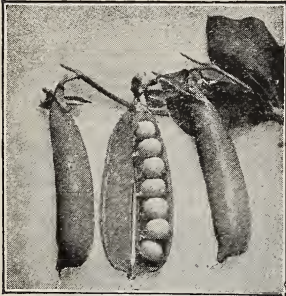
Lambert H. Rutten,
Devils Lake, N. D., R-4

Will's Choicest Garden Peas

Two Pounds for 100 feet of drill; 2 to 3 bushels in drills per acre.

CULTURE—Sow early in the spring in rows 18 to 24 inches apart. The peas will give quicker returns if covered only one inch deep, and where earliness is the most important they may be treated in that way, but longer pods and more of them will be produced if the seed is planted in trenches three to six inches deep and covered with one or two inches of soil. When the plants are five or six inches high, fill the trench level with the surface. Sow every two weeks for succession. They may be sown broadcast and plowed under.

EARLY VARIETIES NOT DWARF



First of All

FIRST OF ALL. This is the earliest pea in cultivation. The seed is smooth and for that reason this variety may be sown two weeks earlier than any wrinkled sort as it will not rot in the ground. The vines grow to a height of 2½ feet. It is a very heavy and even cropper—can be cleaned at two pickings. This variety is a great favorite with gardeners for the early market. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.75; 20 lbs., \$3.25.

GRADUS OR PROSPERITY. This is one of the earliest of the large podded varieties. The vines reach a height of 3 feet, produce most abundantly, and bear throughout the season. The pods are nearly as large as those of the Telephone, and the tender Peas are of a most delicious flavor. It is the market gardener's favorite. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.10; 10 lbs., \$2.00; 20 lbs., \$3.60.



FOR
PEAS
AND
BEANS

LARGE PODDED EARLY DWARF OR BUSH VARIETIES

LITTLE MARVEL. The earliest pea of the wrinkled seeded sorts we have ever tried and an extra fine dwarf variety; probably the most satisfactory pea for the average home garden. The vines are 15 inches high, heavy with dark green pods usually set in pairs. The pods are filled with from 7 to 8 very dark green peas of high quality. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.15; 10 lbs., \$2.10; 20 lbs., \$3.75.

PIONEER. An improved type of Laxtonian; this fine early dwarf variety bears an immense crop of very large pods containing eight to nine rich green peas. This is one of the best sorts for the home or market garden. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.20; 10 lbs., \$2.20; 20 lbs., \$3.80.

McLEAN'S LITTLE GEM. An early dwarf pea of delicious flavor, excellent for family use. The vines are about 18 inches in height and produce an abundance of pods from 2½ to 3 inches long. The peas are borne at the top of the stalk and are easily gathered. They are delicious and are sweeter than others of the dwarf varieties. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.90; 20 lbs., \$3.40.

KEEP THIS BOOK FOR CULTURAL
DIRECTIONS



McLean's Little Gem

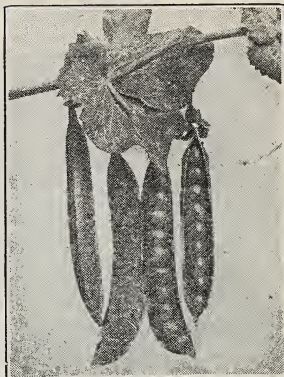
I have given your seeds a thorough try out and consider them the "best of all."

Leo Jordan,
Harvey, N. D.

WILL'S CHOICEST GARDEN PEAS

SUTTON'S EXCELSIOR. An improved NOTT'S EXCELSIOR, larger podded and more productive. Height 16 inches. The broad pods are dark green, 3½ inches long, and contain 7 to 8 large bright green peas of very fine quality. Many regard this hardy variety as the best of the dwarf, first early sorts. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.10; 10 lbs., \$2.00; 20 lbs., \$3.60.

PETER PAN. The best of the large podded dwarf extra early Peas. The vines are from 15 to 18 inches high and are wonderfully productive of large pods from 4 to 4½ inches long which contain from 9 to 10 bluish-green peas of the highest quality. It is one of the best new sorts. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 35c; postpaid. By express or freight, 5 lbs., \$1.20; 10 lbs., \$2.20; 20 lbs., \$3.80.

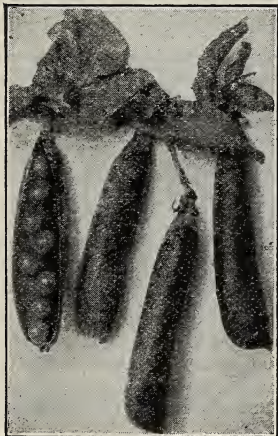
**Sutton's Excelsior****EDIBLE PODDED VARIETIES**

DWARF WHITE SUGAR. Height 2 feet. The pods are light green, 3 inches long, pointed and narrow; quite early. The pods are picked when the peas are forming, and broken and cooked like string beans. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 40c, postpaid. By express or freight, 5 lbs., \$1.25; 10 lbs., \$2.25.

MAIN CROP VARIETIES

SUTTON'S PERFECTION. One of the best, and the most productive, of the main crop peas. The vines are 2½ feet high, very sturdy and strong. The pods are 4½ inches long, broad, straight, and medium light green, containing 8 to 9 very large, sweet bright green peas. All that its name implies both for the market gardener and the home garden. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.15; 10 lbs., \$2.10; 20 lbs., \$3.75.

BLISS EVERBEARING. If the pods are picked as they mature, the vines will continue to branch and bear, giving the variety its name. It grows to a height of 2½ feet and as many as 100 pods have been counted on a single vine. The peas are large and sweet and packed tightly in the pods. Pkt., 5c; ¼-

**Peter Pan**

lb., 15c; ½-lb., 25c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.75; 20 lbs., \$3.25.

PRINCE OF WALES. This standard main crop variety gives very heavy yields. The vines grow about 2½ feet high, bearing an abundance of very large peas of fine quality. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.90; 20 lbs., \$3.50.

CHAMPION OF ENGLAND. Although the whole race of wrinkled peas has come from this old variety no selection has surpassed it in quality or sweetness. The vines grow about four feet high and yield very large pods of most delicious flavor. Our strain has been carefully selected and will be found superior.

Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c; postpaid. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.90; 20 lbs., \$3.50.

**Bliss Everbearing**

**INCREASE YOUR YIELD OF PEAS
BY INOCULATING WITH NITRAGIN**

SEE PAGE 68

WILL'S NORTHERN GROWN RADISH SEED



Will's Early Carmine

very small top. We have as good a stock of this superb variety as is grown. Pkt., 5c; oz., 10c; 1/4-lb., 35c; 1/2-lb., 55c; 1 lb., \$1.05, postpaid.

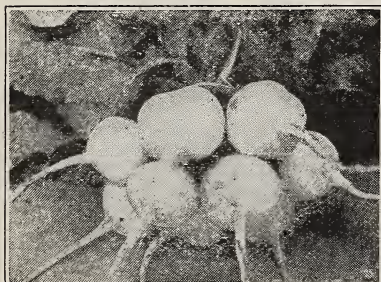


Saxa.

SAXA. The earliest, smallest topped Radish, and one of the slowest to go to seed. The round, bright scarlet roots are ready for the table 20 days after planting the seed. We have a fine stock of this variety and the demand has increased annually since we first listed Saxa in 1918. Pkt., 5c; oz., 15c; 1/4-lb., 40c; 1/2-lb., 75c; 1 lb., \$1.40, postpaid.

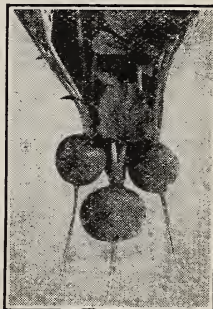
MIXED RADISH SEED. This is a mixture of a number of sorts which we are offering at a very attractive price. This is a very satisfactory way to plant radishes, as the early ones when taken out thin the rows for the later sorts. Pkt., 5c; oz., 10c; 1/4-lb., 25c; 1/2-lb., 45c; 1 lb., 75c, postpaid.

MODEL BOX. White radishes are invariably better keepers and last longer in the field than other sorts. Model Box is a white, turnip-shaped radish, the very earliest white variety and is ready for use in 30 days. Pure white, crisp, and mild. Pkt., 5c; oz., 10c; 1/4-lb., 35c; 1/2-lb., 55c; 1 lb., \$1.00, postpaid.



Model Box.

FIREBALL-NON PLUS ULTRA. An early round radish of bright scarlet color and pure white flesh, crisp, tender, and of the very best flavor. It has few and short leaves which permits close growing. Very desirable for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 10c; 1/4-lb., 30c; 1/2-lb., 50c; 1 lb., 90c, postpaid.



Fireball.

THERE IS NO COMPARISON BETWEEN SOUTHERN GROWN RADISH SEED AND OUR NORTHERN GROWN STOCKS.

I have had such good luck with your seeds that I try to get others to buy of you.

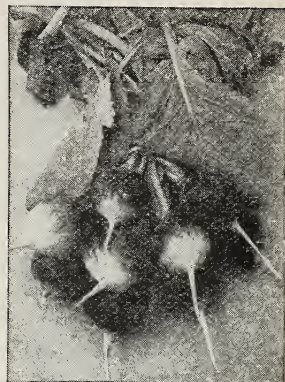
Martie C. Hollo,
Highwood, Mont.

WILL'S NORTHERN GROWN RADISH SEED

SPARKLER—Improved Scarlet Turnip White Tipped. This extra early strain is perhaps the most attractive radish we have. The color is a rich carmine scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 50c; 1 lb., 90c, postpaid.

LONG SCARLET SHORT TOP. The roots of this old reliable variety are smooth, slender, and uniform, about six inches long and a bright carmine red in color. The quality is excellent and this is a wonderful variety for the home garden. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 80c, postpaid.

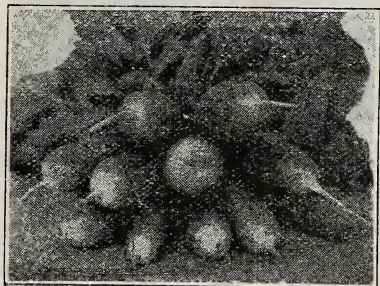
GLASS OR CINCINNATI MARKET. A long slender bright red radish with white tip. The flesh is white, almost transparent, brittle and crisp, and remains fit for use through a long period. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 80c, postpaid.



Sparkler

FRENCH BREAKFAST. A half long, very crisp, and quick growing radish. In color it is a bright rose scarlet with blunt white tip. It is very early, a great favorite on the market and unexcelled for the home garden. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.

ICICLE. The finest of the early, pure white varieties. Their long slender form and pure white skin make them very attractive. They are unusually crisp and tender and preserve these qualities much longer than the red sorts. One of the most desirable sorts for outdoor summer planting. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.



French Breakfast

WHITE STRASBURG. One of the best large, white later summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder, and abruptly tapering. They are firm and crisp and remain so longer than most sorts. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 80c, postpaid.

BLACK SPANISH WINTER. One of the latest as well as the hardiest of radishes. The skin is black and the flesh white, solid, crisp, and pungent. Keeps well all winter. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.05, postpaid.

CHINA ROSE WINTER. One of the very best winter radishes. The roots are cylindrical and blunt at both ends. The skin is a bright deep rose color and the flesh white and very crisp. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.05, postpaid.



Icicle

We prize the Will's Garden seeds the highest of all seeds we have used.. We shall always continue to use them.

Mrs. L. Hoff,
Harlow, N. D., 4454.

OUR RADISH SEED IS NORTHERN GROWN

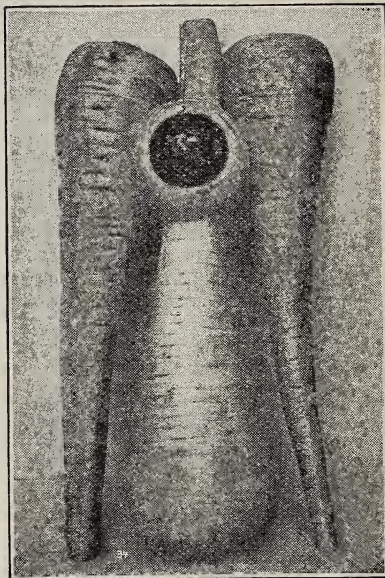
Parsnips

One ounce for 200 feet of drill; 4 to 5 pounds per acre.

CULTURE—Sow as early in the spring as possible, in rows 18 inches apart and about 1 inch deep. The ground should be deeply plowed and well cultivated. Thin to two inches as soon as the plants are large enough to handle. A freeze improves the quality.

IMPROVED GUERNSEY. This is the thicker, heavier type of parsnip. Fine grained and sweet flesh. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 80c, postpaid.

LONG SMOOTH OR HOLLOW CROWN. A great cropper, tender, sugary and considered one of the best for general cultivation. Roots average 15 inches long by 3 inches in diameter. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 80c, postpaid.

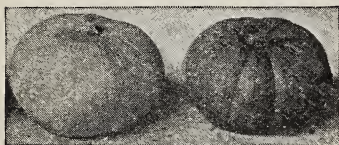


Hollow Crown.

Pumpkins for the Northwest

One ounce to 30 hills; three to four pounds per acre.

CULTURE—Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and weather favorable, giving same cultivation as to melons.



Fort Berthold.

OMAHA. A very early oblong orange sort, but little later than the Fort Berthold and much thicker meated. This is a selection over a period of years from seed obtained through Dr. Melvin R. Gilmore from the Omaha Indians and is an introduction of merit. The quality is excellent and you will be well repaid for planting a patch of this grand new pumpkin. Pkt., 10c; oz., 25c, postpaid.

SWEET SUGAR OR NEW ENGLAND PIE. This is the earliest and surest of the common sorts, and by far the sweetest. Especially valuable for the making of pies. A small round pumpkin, dark orange in color with thick, dry, fine grained flesh. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 80c, postpaid.

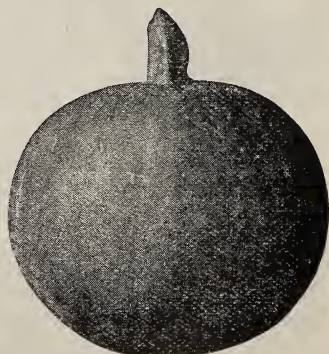
CONNECTICUT FIELD. A solid, oblong, orange pumpkin more planted with corn than any other variety and a heavy yielder. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.

GOLDEN OBLONG. A very hardy and productive sort with thick, light golden flesh of highest quality and a good keeper. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.20, postpaid.

SWEET POTATO. Bell shaped with creamy white flesh of highest quality. The best sort for pies. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 45c; 1 lb., 75c, postpaid.

QUAKER PIE. A medium sized, creamy white sort, early, productive, and a good keeper. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.20, postpaid.

KING OF MAMMOTHS. The giant among pumpkins weighing as high as 150 lbs. A bright golden yellow, fine grained and excellent for cooking. Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.50, postpaid.



Sweet Sugar.

Salsify or Oyster Plant

CULTURE—Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to one hundred feet.

MAMMOTH SANDWICH ISLAND. This is an improved type of salsify. The roots are double the size of the old variety and of equally good quality and delicate flavor. It is a favorite in the market. Our seed is Bismarck grown. Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.50, postpaid.



Bloomsdale Spinach

BLOOMSDALE OR SAVOY LEAVED. (Norfolk Savoy). This is the earliest and hardiest variety. The plant is of upright growth and the broad, pointed, crinkled leaves are very thick and a glossy green. This sort yields a heavy crop and keeps well after cutting. Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 30c; 1 lb., 50c, postpaid.

KING OF DENMARK. The best long season Spinach, two weeks slower in shooting to seed than any variety we have ever tested. The plants are early, vigorous, and productive, bushy in habit. The rounded leaves are crumpled, blistered, and a deep green in color. This is a sort the Northwest has been looking for. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.

LONG STANDING. A late maturing sort which is not inclined to run to seed. The plant is very large with broad, arrow-shaped, nearly smooth leaves. Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 30c; 1 lb., 55c, postpaid.



New Zealand.

LONG SMOOTH WHITE. The original Oyster Plant, is still the most commonly cultivated, and many claim that it has a stronger and richer oyster flavor than the Sandwich Island variety. We have a carefully selected strain. Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.50, postpaid.

SPINACH

One ounce for 100 feet of drill.

CULTURE—Sow in early spring, in drills 12 to 15 inches apart, covering not more than one inch deep. Sow two weeks apart, for succession.

NEW ZEALAND. This variety thrives in any soil rich or poor and stands hot weather. As the leaves are picked off, new shoots are produced and yield a continuous supply of greens. Plant 3 or 4 seeds to a hill; hills 2 feet apart each way; about May 15th. Soak seed in warm water for 24 hours before planting. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 50c; 1 lb., 90c, postpaid.



Sandwich Island Salsify

Tobacco

COMSTOCK SPANISH. This grand Wisconsin variety is absolutely the best for the Northwest. The plant is very hardy and the leaf large and perfect. Easily raised if started indoors about the same time as tomatoes. North Dakota grown seed. Pkt., 5c; oz., 40c, postpaid.

SQUASHES

Early and Hardy Varieties for the Northwest

CULTURE—One ounce to 25 hills, summer, and one ounce to ten hills, winter. Plant the hills in the same manner and the same time as melons and cucumbers, the bush varieties three to four feet apart and the running kind seven to eight feet apart.

To keep squash, store in a warm dry place.

SUMMER SQUASH



White Bush Scalloped

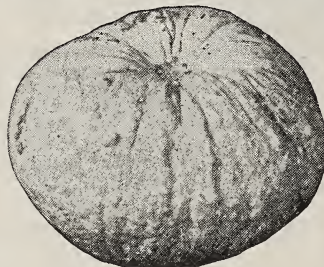
GOLDEN CUSTARD—Mammoth Yellow Bush. This variety is very early and prolific, and the fruits are frequently from 12 to 14 inches in diameter. The skin is a rich golden-orange, and the flesh is a creamy-yellow. It is a selection of real merit. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1 lb., \$1.00, postpaid.

GENERAL PURPOSE SQUASH

EARLY MANDAN SQUASH—The Very Earliest Squash in the World



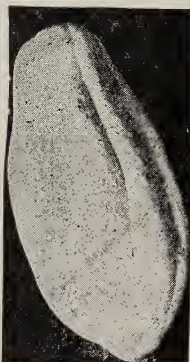
Early Mandan Squash



This wonderful little squash, obtained by us from the Mandan Indians, will ripen almost anywhere, notably in the Montana mountains where squashes had never been grown before. It is very hardy and drouth resistant and withal of fair quality. Fine if used green as a summer squash and good fried or boiled. Excellent sweet pickles may be made from this sort and it is a good keeper.

By constant selection we have gradually improved the quality of this variety and its trueness of type. Pkt., 10c; oz., 30c, postpaid.

FORDHOOK. A desirable variety for both summer and winter use. The type is small and oblong, averaging nine inches in length, slightly ridged. The skin is smooth, thin and yellow. The seed cavity is very small and the unusually thick straw colored flesh is extremely dry and sweet. The squashes will keep to June in a dry room, yet in a green state they rival the best summer varieties. Our strain is early, hardy and reliable. Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 70c; 1 lb., \$1.30, postpaid.



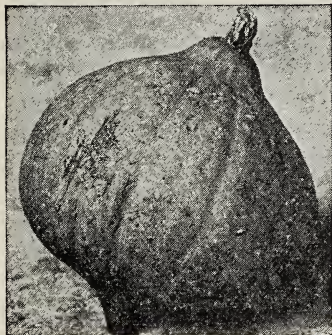
Fordhook

We have been very satisfied every year with the seeds and have used yours seeds for many years.

C. A. Anderson,
Lake, S. D., Route 4.

Winter Squash

WINNEBAGO. When we introduced this variety three years ago we called it the finest baking and general cooking squash we had ever tried. It still is. The original seed came from the Winnebago Indians through Dr R. M. Gilmore. The squash is elongated a greenish black in color and a good keeper. The bright orange flesh is thick, very dry and sweet, and less stringy than any other squash we have ever sampled. Pkt., 10c; oz., 25c, postpaid.



Arikara Winter

RED OR GOLDEN HUBBARD. This is a sport from the true Hubbard, and quite like its parent in form and habit, but decidedly earlier. The shell is moderately warted, hard, strong, and a bright orange red in color. The flesh is deep orange, dry and of splendid quality. This is a superior table variety and an excellent keeper. Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 70c; 1 lb., \$1.30, postpaid.

MAMMOTH CHILI. Squashes of this great variety commonly weight 75 pounds, and have been grown as large as upwards of 150 pounds. The skin is a rich orange-yellow. The yellow flesh is very thick and highly nutritious. It is of the highest value as a stock food. An acre will yield from 8 to 15 tons, thus furnishing a cheap and nutritious feed.

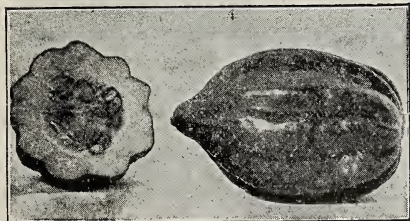


Table Queen

ARIKARA WINTER. If you want the earliest large winter squash, the squash that will set fruit and outyield all others under drouth conditions, and will keep to the first of May, plant the Arikara. The shell is salmon varied with blue green; flesh orange tinged with green, of firm texture and good quality. We obtained our original seed from the Fort Berthold Indians who have grown this variety for many generations. Pkt., 10c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.25; 1 lb., \$2.00.

IMPROVED HUBBARD. The standard winter squash more extensively grown for the market than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark bronze-green; flesh bright yellow, fine-grained, dry and sweet. Its quality is the standard of excellence. Our seed is a superior strain as the result of careful selection over a long period of years. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.



Improved Hubbard

It is grown for exhibition purposes and carries off many prizes. Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.50, postpaid.

TABLE QUEEN OR DES MOINES. A small, very productive variety of many desirable qualities. Its size is particularly desirable as one squash makes a meal for a hungry person. The thin shell is ribbed and a very dark green in color. The rich golden flesh is very thick and the seed cavity small. A good keeper, the quality is excellent. Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 85c; 1 lb., \$1.60, postpaid.

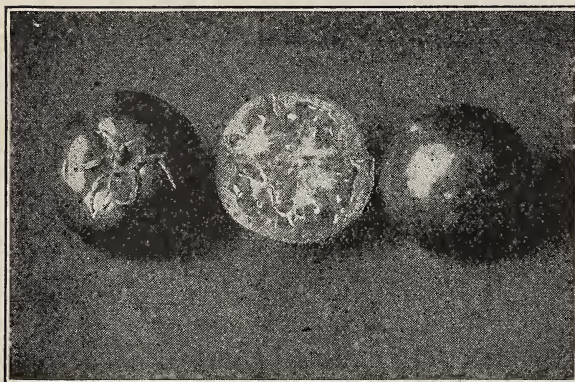
Last year I won second prize at the State Fair at Helena with Mammoth Chili squash from seed I bought of you.

Roy H. Phelps,
Glasgow, Mont.

Will's Best Tomatoes

CULTURE—Sow in hotbed or shallow boxes in the house in early spring; when plants are large enough, transplant in hotbed or boxes and when all danger from frost is past, transplant in open ground about four feet apart each way.

EARLY AND HARDY VARIETIES FOR NORTHERN GARDENS



Millet's Dakota

MILLET'S DAKOTA. This

fine, extra early sort was originated several year ago by Mr. John W. Millet of our city. In earliness it is about the same as the very earliest strains of selected Earliana. In hardiness and drought resistance it is much superior. The fruit is of medium size, smooth, uniform shape and colored a rich deep scarlet. The flesh is thick and delicious, entirely free from any acid flavor. The vines are not rank but bear the heaviest of any of the extra early sorts. Do not let the fact of earliness get away from you; in the Northwest it is all important and in no better way can you insure ripe tomatoes than by planting Millet's Dakota. **Pkt., 10c; oz., 40c; ¼-lb., \$1.50, postpaid.**

EARLIANA (Selected Early Strain). One of the earliest and best of the early varieties. It is very productive for an early sort. The fruit is fair sized, round, very smooth and solid, and produced in clusters in the center of the plant. The color is a bright scarlet. You simply cannot beat our strain of this grand old sort. **Pkt., 5c; oz., 35c; ¼-lb., \$1.00, postpaid.**

BONNY BEST. Very nearly as early as Millet's and Earliana, the bright deep scarlet fruits ripen more evenly than do those of any other early scarlet variety, and are of superior solidity and interior color. A good yielder and most attractive in shape and color. This sort is coming rapidly to the front both for the home and market garden. **Pkt., 5c; oz., 35c; ¼-lb., \$1.00, postpaid.**

CHALK'S EARLY JEWEL. Perhaps the best second early scarlet fruited variety for the Northwest. Extensively used for canning and on account of its large size, excellent quality and productiveness a most satisfactory sort for the home garden. **Pkt., 5c; oz., 25c; ¼-lb., 65c, postpaid.**

ACME. An old favorite, hardy, early and productive; fruit of good size, round and smooth; color purplish pink. **Pkt., 5c; oz., 15c; ¼-lb., 55c, postpaid.**



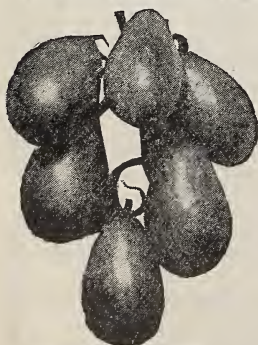
Selected Earliana

GOLDEN QUEEN. "Queen of all the Yellows." It is very prolific, ripens early, and is solid, always smooth, entirely free from ridges, large in size and delicious in flavor. It is fine for slicing. **Pkt., 5c; oz., 35c, postpaid.**

YELLOW PLUM. A beautiful sort, much resembling a plum in size and shape, widely used for preserving. **Pkt., 5c; oz., 45c, postpaid.**

RED CHERRY. The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. **Pkt., 5c; oz., 50c, postpaid.**

PINK PEACH. This excellent sort resembles a peach in size and shape. The surface of the fruit is covered with a down much like its namesake. It makes delicious preserves and pickles. Size about the same as most early sorts, and excellent to eat fresh. **Pkt., 5c; oz., 45c, postpaid.**



Yellow Plum

For Tomato Plants, See Page 78.

TOMATOES

STRAWBERRY, GROUND CHERRY, OR HUSK TOMATO. This variety is unequalled for canning, preserving or making pies. Dried in sugar as raisins or figs they are unexcelled. The vines cover the ground and yield enormously. The yellow fruits are half an inch in diameter and enclosed in a husk. **Pkt., 5c; oz., 45c, postpaid.**

YELLOW PEAR. This variety is used entirely for pickling and preserves. It is delicate in flesh and flavor. **Pkt., 5c; oz., 40c, postpaid.**

VALUABLE STANDARD VARIETIES

All of the selected sorts, listed below are priced as follows: **Pkt., 5c; oz., 20c; 1/4-lb., 65c, postpaid.**

STONE. This is the standard main crop sort for truckers and canners. Plants very vigorous and productive, fruit round, smooth, solid and deep red.

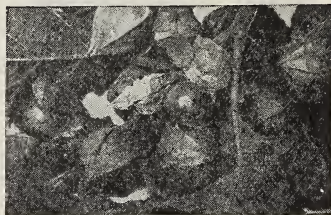
JOHN BAER. An early producer and very popular variety.

NEW CORELESS. The most perfect shaped canning variety. Fine for slicing.

We have been ordering our seeds from you for three or four years and have been more than pleased with them. We planted Earliana Tomato seed in the garden in rows four feet by two feet on the tenth of May and sold 70 bushels of ripe Tomatoes before frost off of a patch 72 by 150 feet.

Mrs. Alvin Lange, Wilton, N. D.

For Tomato Plants, see Page 78.



Strawberry or Ground Cherry

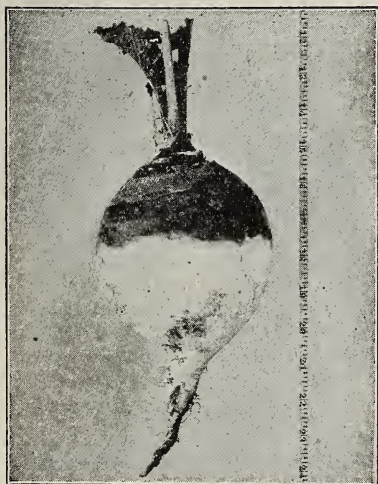
Will's Best Turnips and Rutabagas

RUTABAGAS

CULTURE—Sow latter part of June or first of July. If drilled in, rows should be about 20 inches apart and frequent cultivation will increase the yield. One ounce to 250 feet of drill; 1 1/2 pounds per acre if drilled, and 2 1-2 pounds if broadcast.

WILL'S IMPROVED AMERICAN PURPLE TOP YELLOW. The roots are large, globular in form, with small neck, and very small tap root. The color is a bright yellow with

a purple top. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy and especially adapted for broadcasting on new breaking. **Pkt., 5c; oz., 10c; 1/4-lb., 20c; 1/2-lb., 35c; 1 lb., 65c, postpaid. By express or freight, 5 lbs., \$2.75.**



Will's Improved Rutabaga

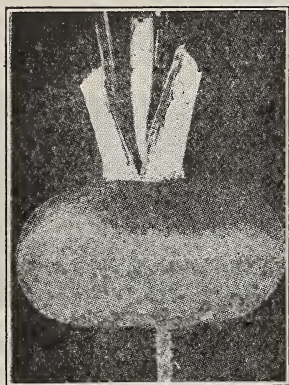
PAJBJERG BANGHOLM. We first introduced this wonderful variety from Denmark some ten years ago. The roots are purple topped with very small necks. The flesh is yellow, exceedingly solid and crisp. This is the sweetest Rutabaga in cultivation, a very heavy yielder and a splendid keeper. **Pkt., 5c; oz., 10c; 1/4-lb., 25c; 1/2-lb., 45c; 1 lb., 80c, postpaid. By express or freight, 5 lbs., \$3.00.**

WHITE SWEET RUSSIAN. One of the sweetest and best of the white Rutabagas. The roots are very large, globe-shaped, and white with a greenish shade at the top. The flesh is white, firm, and sweet and keeps remarkably well. **Pkt., 5c; oz., 10c; 1/4-lb., 25c; 1/2-lb., 45c; 1 lb., 85c, postpaid. By express or freight, 5 lbs., \$3.25.**

Years ago I bought seeds of you while living in Montana and could always depend on the earliest vegetables from your seeds, so would like same now.

Mrs. Jenny V. Person,
R. No. 1, Bx. 59, Fruitland, Idaho

TURNIPS



Purple Top Strap-Leaf

CULTURE—Sow seed early in the spring for the summer crop and about the middle of July for late crop. May be sown in drills or broadcast. 1 ounce will sow 150 feet of row; 1 to 2 pounds to the acre.

EXTRA EARLY WHITE MILAN. The earliest turnip; can be used spring or fall. The creamy white roots are medium-sized, flat and uniform. The white flesh is fine grained, tender and sweet, of splendid quality. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

PURPLE TOP STRAP-LEAF. The most widely cultivated and best known variety. The roots are flat, medium sized, purple above ground and white below. The flesh is white, fine grained and tender. It is a quick grower and very productive. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 80c, postpaid.**

EXTRA EARLY PURPLE TOP MILAN. Almost as early as the White Milan and of splendid quality. The roots are of medium size, flat and white with purple top, with white flesh. Its growth is very uniform. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

PURPLE TOP WHITE GLOBE. A good sized, globe-shaped variety, of fine appearance, a good producer and a fine keeper. The flesh is firm, fine grained, tender and sweet. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 80c, postpaid.**

WHITE EGG. A very early snow white variety. The oval roots are of medium size and particularly smooth, and will not crack as readily as the flat varieties. The flesh is firm and fine-grained and particularly desirable for table use. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 40c; 1 lb., 75c, postpaid.**

EARLY WHITE FLAT DUTCH. A very early flat turnip of medium size and clear white skin. The flesh is very white, fine grained and sweet. One of the most popular sorts for home or market. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 85c, postpaid.**

YELLOW ABERDEEN. A globe-shaped, medium sized, yellow sort. The yellow flesh is nutritious, tender and sweet. This variety is noted for its keeping qualities. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 65c, postpaid.**



White Egg

HERBS

ANISE. Used in garnishing and flavoring. The seeds are aromatic. **Pkt., 5c; oz., 15c.**

BASIL—(Sweet). Leaves used for flavoring soups and stews. **Pkt., 5c; oz., 25c.**

CARAWAY. Grown for seeds which are used in flavoring. **Pkt., 5c; oz., 15c.**

CATNIP. Leaves used for seasoning. Plant this and make your cat happy. **Pkt., 5c.**

CORIANDER. The seeds are used in making candy. **Pkt., 5c; oz., 20c.**

DILL. The seeds are used for pickling cucumbers. **Pkt., 5c; oz., 10c; ¼-lb., 30c.**

FENNEL. The leaves boiled are used in sauces. **Pkt., 5c.**

HOREHOUND. Used for seasoning and as a cough remedy. **Pkt., 5c.**

HYSSOP. Very aromatic plant with blue flowers. Used in soup. **Pkt., 5c.**

LAVENDER. Its flowers are used in perfumery. **Pkt., 5c.**

MUSTARD. (Large White Seeded). Seed used in flavoring pickles. **Pkt., 5c; oz., 10c.**

ROSEMARY. Aromatic leaves used for seasoning. **Pkt., 5c.**

SAFFRON. Used in coloring certain dishes and also for flavoring. **Pkt., 5c.**

SAGE. The most extensively used herb for seasoning and stuffing. **Pkt., 5c; oz., 40c.**

SUMMER SAVORY. Leaves and flowers used to flavor soups and dressings. **Pkt., 5c; oz., 20c.**

SWEET MARJORAM. Leaves and ends of shoots used for seasoning, both green and dried. **Pkt., 5c; oz., 20c.**

THYME. A tea made of leaves is a remedy for headache. **Pkt., 5c.**

WORMWOOD. Beneficial for poultry; should be planted in poultry yards. **Pkt., 5c.**

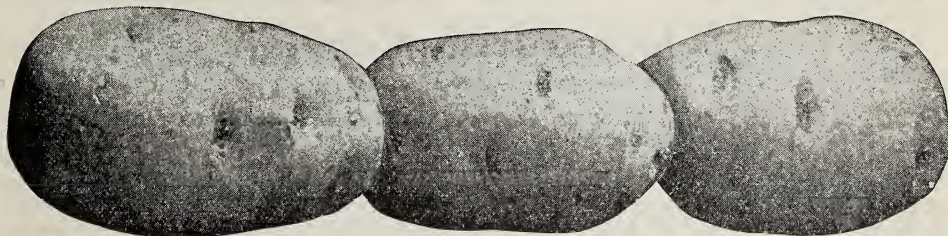
North Dakota Grown Seed Potatoes

**All Potato Prices Subject to Market Changes. Write for Prices on Large Lots.
We Do Not Ship Potatoes Until Danger of Frost Is Over**

For Northwestern planters early potatoes are invariably the best crop and we are this year listing Rural New Yorker for our latest variety. Burbanks are altogether too late for our climate. We have dropped our White Swan and are offering the Rural instead. The White Swan seems to have run out with us and our stock is lacking in several respects. We are working with another main crop white potato which we hope to be able to offer in two or three years.

There is an old saying that the proper time to plant potatoes is after a year when they have been unusually low. We have a good stock of high grade seed this year which we are offering at unusually low prices, and we believe it will be a good spring to plant potatoes.

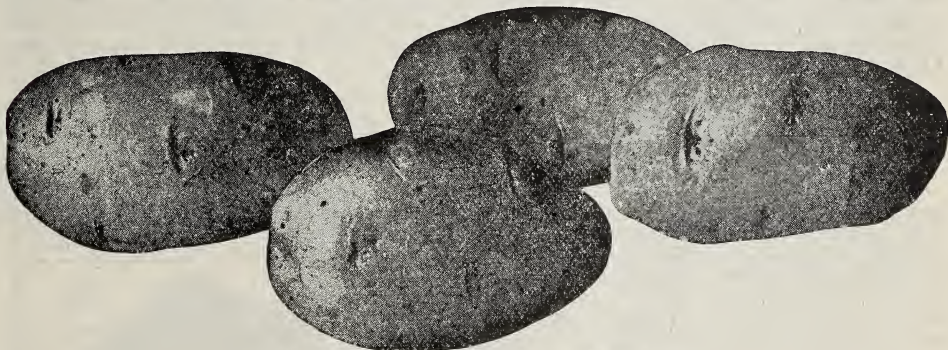
NORTH DAKOTA SELECTED EARLY IDAHO SEED POTATOES



The Earliest Potato Grown

This is the very earliest potato that we have ever seen. The first seed was obtained from Moscow, Idaho, several years ago, which gave us the name. In appearance it resembles the Early Ohio, but is somewhat smaller and ten days earlier. The potatoes are formed in a compact bunch in the hill which permits of closer planting, a desirable feature for the small gardener. The tubers are of exceedingly good quality from the first. By express or freight, pk., 50c; 1/2-bu., 75c; bu., \$1.30; 5 bu., \$6.25.

NORTH DAKOTA SELECTED EXTRA EARLY OHIO SEED POTATOES



The Standard Seed Potato of the Nation

The Early Ohio is the standard potato of the country. Early, a heavy yielder, uniform in size and probably unexcelled in eating qualities by any other variety; it is always the leader. Our stock is of the best selected strain, of good shape, smooth and clean. Our stock is grown in the Missouri Valley of North Dakota, the best seed raising section in the Northwest, and we believe it to be unsurpassed in qualities that go to constitute good potato seed. Pk., 50c; 1/2-bu., 70c; bu., \$1.25; 5 bu., \$6.00. Ask for prices on larger lots.

When we were in Montana we had such good luck with your seeds and trees that I have to send back for your catalog.

Mrs. Fred Rodmaker,
Oak Point, Wash.



Selected Irish Cobblers

A Tremendous Yields in Good Soil.

The Irish Cobbler is without doubt the best early white potato. It requires good, well watered soil, in which location it will outyield any other variety for our section. It is somewhat later than the Early Ohio, but much earlier than the Rurals. The skin is creamy white, the flesh mealy and of excellent cooking quality. If free from disease the Cobbler is an excellent keeper. Shape is nearly round, and eyes are few, very uniform in size and shape. By express or freight; Pk., 50c; ½-bu., 75c; bu., \$1.30; larger lots @ \$1.25.

Selected Rural New Yorker Seed Potatoes

The Best Main Crop Sort

As a main crop potato we are offering this year the Rural New Yorker, a medium late white potato, which has, to a marked extent, all of the good points of the later white sorts. It is of round, slightly flattened type, even in size and a very heavy yielder. The tubers have but very few and shallow eyes which adds to its smoothness and eating qualities, and the flavor is excellent. It is just late enough for our climate, being considerably earlier than the Burbank. By express or freight, pk., 40c; ½-bu., 70c; bu., \$1.20; 5 bu., \$5.75.

Potato Eyes

(By Mail or Express)

Plant about 8,000 to 12,000 to the acre.

Unless the season is very dry these eyes, properly cut with a deep wedge of flesh as we cut them, will produce very nearly as good results as the whole potatoes. For those who live at a considerable distance, in view of the present transportation rates, and for those who are far from express or freight offices, potatoes in this form for planting are invaluable.

We do not forward until danger from frost is past unless especially directed to ship on a given date.

EARLY IDAHO POTATO EYES, per 100 50c, postpaid; by express, per 1000, \$4.00.

EARLY OHIO POTATO EYES, per 100 50c; postpaid; by express, per 1000, \$4.00.

IRISH COBBLER POTATO EYES, per 100, 50c, postpaid; by express, per 1,000, \$4.00.

RURAL NEW YORKER POTATO EYES, per 100, 50c, postpaid; by express, per 1,000, \$4.00.

For Insecticides and Fungicides, see Page 49.

Grow New Varieties of

POTATOES

from the True Seed Ball Seed. There's money in it, and fun galore. No product so interesting—none may be of such value. The result will be amazingly diversified—

Headquarters
Stock
Pure and
True.

A Money-
Maker
for
You.

potatoes of all conceivable colors, shapes and sizes—50 or more new varieties. One may make your fortune. This may be your last chance to obtain this rapidly vanishing seed. Please tell your friends.

Packet with full Directions for Growing, 15 cts. 4 for 50 cts. 10 for \$1.00.

FLOWER SEED

WILL'S OLD FASHIONED FLOWER GARDEN COLLECTION

75c, Postpaid

1 pkt. Antirrhinum.	1 pkt. Marigold.
1 pkt. Bachelor's Button.	1 pkt. Mignonette.
1 pkt. Balsam.	1 pkt. Premium Pansy.
1 pkt. Canterbury Bells.	1 pkt. Phlox.
1 pkt. Catchfly.	1 pkt. Portulaca.
1 pkt. Convolvulus.	1 pkt. Stock.
1 pkt. Double Daisy.	1 pkt. Sweet William.
1 pkt. Forget-Me-Not.	1 pkt. Verbena.
1 pkt. Hollyhock.	1 pkt. Zinnia.

1 Ounce Tall Nasturtiums, 1 Ounce Imperial Mixed Sweet Peas—Value \$1.15
Price, postpaid, 75c.

A Few Suggestions on the Growing of Flower Seeds and the Treatment of the Young Plant.

If plants are desired early the seed should be sown indoors in a shallow box or flower pot in light sandy loam. Best results may be had by mixing two parts black loam, one part sand, and one part decomposed stable manure. The soil should be well firmed in the box or pot and the seeds scattered over the smooth surface. Press the seeds into the soil and sprinkle with fine light soil to cover. Covering should never exceed twice the diameter of the seed. For the first few waterings cover the surface with cotton cloth to prevent seeds washing out of place. Temperature should be as near 80 degrees as possible. Light, fresh air and sunshine are essential.

As soon as second leaves appear, plants should be transplanted to other boxes or open ground to permit hardy, stocky growth. Plants should be watered freely until firmly rooted.

In sowing seed in the open ground the same care should be taken, but the seed should be covered a little deeper. The earth should be made slightly firmer and never allowed to dry out or crust over until plants have appeared.

ASTERS

PURITY-WHITE DAYBREAK. An early flowering, strong, bushy variety of very even growth, about 20 inches in height. The full round flowers are of the purest snowy white. Fine for bedding. Pkt., 10c; 1/4-oz., 40c.

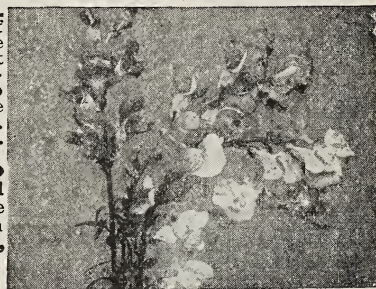
DAYBREAK. This early flowering variety is a compact strong grower about 20 inches tall with soft pink, ball-like blooms. Pkt., 10c; 1/4-oz., 40c.

CRIMSON CREGO. A mid-season variety of the branching type growing about 2 feet tall. The crimson flowers are commonly 4 to 5 inches across, borne on stems 12 inches long. A fine all round sort. Pkt., 5c; 1/4-oz., 35c.

LAVENDER CREGO
—Season, form and habit the same as the Crimson Crego but with lavender blossoms. Pkt., 5c; 1/4-oz., 35c.



Purity



Antirrhinum or Snapdragon

JAPANESE. A mid-season, giant flowering variety of branching habit growing about 2 feet high. The long narrow petals bend and curl on each other to make this the fluffiest Aster of them all. All colors mixed. Pkt., 5c; 1/4-oz., 30c.

AGERATUM. One of the best border and bedding plants, blooming from early summer to frost. Grow 10 inches tall. Blue Perfection. Pkt., 5c; 1/4-oz., 15c. Album-White Pkt., 5c; 1/4-oz., 15c.

ALYSSUM. One of the finest annuals we have for edging, very dwarf and blooming from early in the season until frost.

Sweet Alyssum (Maritimum). Honey scented white blossoms. Pkt., 5c; 1/2-oz., 15c.

Lilac Queen. Deep lavender, lilac blossoms. Pkt., 5c; 1/2-oz., 25c.

ANTIRRHINUM OR NEW GIANT SNAP DRAGON. They are easily raised from seed in any sunny bed. The flowers of our new strain are produced on long spikes which makes them valuable for cutting. Spring seedlings bloom by midsummer and if cut freely the flowering is continuous until fall. They may be then taken up, cut back, and will bloom in the house during the winter. Our offering comprises a mixture of all colors; from light pink to a gorgeous glowing scarlet. Pkt., 5c; 1/4-oz., 20c.

For Aster Plants, see Page 76.

BACHELOR'S BUTTON—CORN FLOWER. Our mixture has been so perfected that fully 70 per cent of the flowers are double. This is among the most attractive of all hardy annuals and one of the most popular of the old-fashioned flowers. **Pkt., 5c; ¼-oz., 20c.**

BALLOON VINE. Remarkable for the inflated appearance of its seed pods, and sometimes called "Love-in-a-puff." The flower is insignificant, but the plant is a rapid and graceful climber. **Pkt., 5c; oz., 25c.**



Balsam

CANARY BIRD FLOWER. A beautiful climber with a charming little canary-colored blossom bearing a slight resemblance to a bird with the wings half extended. **Pkt., 5c; oz., 30c.**

CANDYTUFT, GIANT FLOWERING MIXED. This justly popular annual is of easiest culture and flowers profusely throughout the whole season. The flowers of our strain are nearly double the size of the old varieties and fairly cover the plants, which are useful in beds, pots, or borders. **Pkt., 5c; ½-oz., 20c.**

CANNA—CROZY'S DWARF. This is an ever-blooming, large flowering French strain and blooms freely the first year from seed. They are more beautiful for bedding than even the best Geraniums, the tropical foliage being surmounted by spikes of bloom in glowing colors. Our mixture is made up of the best new varieties. The seed is very hard and for best results, the skin should be scraped through in one spot and the seed soaked for 24 hours in lukewarm water before sowing. **Pkt., 10c; ½-oz., 25c.**

CANTERBURY BELLS. A hardy campanula bearing a profusion of rose and purple delicately bell-shaped flowers. Does best in a rich, light soil and should be started indoors. **Pkt., 5c.**

CARNATION—DWARF MARGARET. Our mixed color strain of this general favorite will produce an abundance of fragrant double flowers. They are quite hardy, bloom four months from seed, and may be cut back and planted in pots for winter blooming. With slight covering they will live out all winter. **Pkt., 5c; ¼-oz., 35c.**

CATCHFLY. A bright-colored, free-flowering annual, largely grown for spring flowering and used in borders and rock work. It succeeds in any light, loamy soil. Our mixture embraces the white, red and rose-flowering strains. **Pkt., 5c.**

CHRYSANTHEMUMS—FRENCH MARGUERITE. These annual Chrysanthemums are altogether different from the large-flowered late varieties grown by florists. In cool, moist locations they grow easily from seed and flower freely. Excellent pot plants during the spring months. **Pkt., 5c; ½-oz., 20c.**

BALSAM—LADY SLIPPER. An old favorite, it likes hot sun, rich soil, and plenty of water. In return it will give its brilliant masses of beautiful double flowers in greatest profusion. **Pkt., 5c; ¼-oz., 20c.**

BEANS—SCARLET RUNNER. This old time favorite is a rapid growing annual climber, reaching a height of 10 to 12 feet and bearing sprays of brilliant scarlet pea like blossoms. **Pkt., 5c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 60c.**

SPIDER PLANT OR BEE BALM. This is a native annual which is very hardy, growing on poor and dry soils, as well as in alkali and gumbo where little else thrives. A large bushy plant reaching a height of two to four feet, and covered in August with spider like purple or lavender flowers. **Pkt., 5c.**

CALENDULA—POT MARIGOLD. One of the best and showiest hardy annuals, growing anywhere, and blooming from mid-summer until killed by frost. Our strain is extremely showy with large double flowers of intense glowing colors. **Pkt., 5c; ¼-oz., 15c.**

CALLIOPSIS-TICKSEED. A showy and free flowering annual, blooming all summer and excellent for cutting and massing. We offer a mixture of the finest strains. **Pkt., 5c; ½-oz., 20c.**



Carnation

ALL FLOWER SEEDS PRICED POSTPAID

COBOEA SCANDENS—Cathedral Bells. Very prolific and perfectly hardy; this is the most handsome and rapid growing of annual climbers. It is always clean of insects. The flowers are bell-shaped and very beautiful. **Pkt., 5c; ¼-oz., 15c.**

COSMOS—Early Mammoth Flowering Mixed. We offer a strain of Cosmos that comes into full bloom early enough to satisfy the wants of flower lovers in this section. The plants are easily raised and form large bushes, 4 to 5 feet tall, covered in late summer with huge blossoms. A fine annual hedge. **Pkt., 5c; ¼-oz., 20c.**



Cosmos

MORNING GLORY

CONVOLVULUS—Finest Mixed. A fine mixture of the old fashioned, yet ever popular climber. **Pkt., 5c; oz., 10c.**

CONVOLVULUS—Japanese Morning Glory. The flowers are of gigantic size and in coloring range from snow-white to black purple. The plant will make a growth of 25 feet in summer, and many of the heart-shaped leaves are marbled with silver, white and yellow. **Pkt., 5c; oz., 20c.**

WILD CUCUMBER—The quickest growing climber we have. Thickly dotted with white flowers followed by ornamental and prickly seed pods. **Pkt., 5c; oz., 15c; ¼-lb., 55c;**

CYPRESS VINE. A most beautiful climber with dark green fern-like foliage and mass of beautiful star-shaped flowers. **Pkt., 5c; ½-oz., 25c.**

SUMMER CYPRESS—Burning Bush. A highly ornamental annual of very rapid growth which forms a pyramidal bush from 2 to 3 feet high, having a cypress-like appearance. The leaves are a light pea-green until September when they change to a carmine or bright red. **Pkt., 5c.**

DAHLIAS

CACTUS. We offer a mixed strain of this variety; the loosely formed flowers of which closely resemble the Chrysanthemum. **Pkt., 5c.**

DOUBLE. This is a mixture of seed from all the best varieties. **Pkt., 10c.**

FRENCH COLLARETTE. A distinct type of Single Dahlia. Its peculiarity consists in a row of short petals around the disc, forming a frill of an entirely different color from the rest of the flower. **Pkt., 5c.**

DAISIES

SHASTA. This hardy perennial can be grown out of doors anywhere. The flowers are large with white, cream, and yellow-colored petals and small golden centers. We offer the choicest obtainable strain. **Pkt., 5c.**

For Roots, see Page 85.

DOUBLE—Bellis. Dainty, spring flowering, shade loving plants, suitable for borders and low beds. **Pkt., 5c.**

DIANTHUS—Chinese Pink. Like its relative, the Carnation, the Dianthus is supremely beautiful. Our double mixture ranges from pure white to the most delicate pink and deep

glowing crimson. It includes all the standard sorts and all the newest spotted, striped and handsomely fringed varieties. **Pkt., 5c; ¼-oz., 20c.**

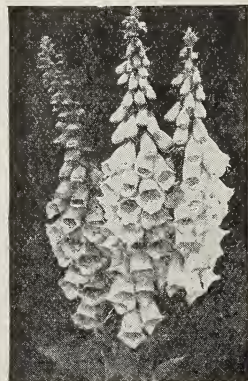
DIGITALIS—Foxglove. Easily grown perennial attaining a height of from 2-4 feet, and producing long spikes of beautiful, tubular-shaped flowers. **Pkt., 5c; ¼-oz., 25c.**

FORGET-ME-NOT. These charming little favorites succeed best in cool, moist soils, blooming most freely during the spring and fall months. If lightly covered they will live through the winter and will bear even more profusely the second spring than the first. **Pkt., 5c; ¼-oz., 30c.**

FOUR O'CLOCK—Marvel of Peru. A beautiful bushy, free-flowering old-fashioned favorite. The showy flowers open only in the afternoon or on cloudy days. A good annual hedge. **Pkt., 5c; oz., 15c.**



Dianthus—Chinese Pink



Digitalis-Foxglove

GERANIUM. Sown early in the spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. In fact, propagation by seed is the only way to obtain new varieties. Our mixture is of the largest and finest strains. Pkt., 10c.

GOURDS—Ornamental. A valuable class of annual climbers. The gourds are of various sizes and colors and if allowed to ripen on the vines, can be kept for months as curiosities. Pkt., 5c; oz., 25c.

HELIANTHUS—Chrysanthemum Flowered. The best and most effective of all annual sunflowers. The flowers are immense, from 12 to 15 inches in diameter and extremely double. It is especially adapted for backgrounds and hiding unsightly places. Pkt., 5c; oz., 25c.

HELIANTHUS—Mammoth Russian Sunflower. This is the old-fashioned heavy seed producer. Single heads measure from 12 to 22 inches across, and contain an immense quantity of seed valuable as a poultry and stock food. Pkt., 5c; 1/2-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50.

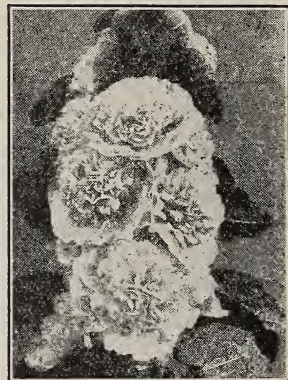
HELICHRYSUM—Everlasting or Strawflower. Much prized for durable bouquets and winter decoration. To dry gather flowers when partly unfolded and hang heads down in a cool place. Finest mixed. Pkt., 5c; 1/4-oz., 20c.

HELIOTROPE. A universal favorite on account of its fragrance and beauty, few realize that it can be raised from the seed as easily as the Verbena. Seed sown early indoors will insure a long period of bloom. Used both for bedding and pot plant. Pkt., 5c.

HOLLYHOCK—Pioneer Mixed. Tall, stately, majestic; our strain of this old-fashioned favorite cannot be improved upon. This is a perennial and will not bloom the first year unless planted indoors in March. Our mixture comprises all colors from white to black, in single, semi-double and double types. Pkt., 5c; 1/4-oz., 20c.



Marigold



Hollyhock

ICE PLANT. A trailing plant with singular icy foliage; most excellent for vases, hanging baskets or rockwork. Pkt., 5c.

LARKSPUR. A quick-growing, free-flowering perennial producing stiffly erect spikes of beautiful blossoms, ranging in color from pure white to dark blue. Pkt., 5c; 1/4-oz., 30c.

MARIGOLD—The Eldorado. The plants grow 2 1/2 feet high with large, double, imbricated flowers, from 3 to 4 inches in diameter. Our strain embraces four shades of color; the lightest primrose, lemon, golden-yellow and deep orange. Pkt., 5c; 1/4-oz., 20c.

MARIGOLD—French Mixed. A dwarf strain forming ball like bushes 1 ft. high, of quick growth and free flowering habit. The double flowering sorts of our mixture include the most rich and beautiful colors. Pkt., 5c; 1/4-oz., 20c.

MIGNONETTE—Matchet. The best everblooming strain for either outdoor or inside planting. It is of dwarf pyramidal growth with numerous flower stalks. The blossoms are highly colored and very fragrant. Pkt., 5c; 1/4-oz., 20c.

Nasturtiums

WILL'S PIONEER BRAND DWARF MIXED NASTURTIUMS. Our mixture is the best obtainable and very desirable for bedding, vases and pot plants. The seed should be planted in rows one to two feet apart and when well started, thinned out to ten inches apart in the rows. The plants bloom freely and the flowers embrace every desirable color. Pkt., 5c; oz., 15c; 1/4-lb., 35c; 1/2-lb., 60c; 1 lb., \$1.00.

WILL'S SUPERB TALL MIXED NASTURTIUMS. Our magnificent strain makes a strong growth of from five to six feet, flowering freely from spring to fall with large blooms of the most brilliant shades. These are remarkable for their wide range, embracing rose, salmon-pink, light yellow, deep orange, velvet maroon, and purple in clear color, as well as every conceivable fancy in stripe and blotch. We are justly proud of our selection which we feel deserves a place in every garden. Pkt., 5c; oz., 15c; 1/4-lb., 35c; 1/2-lb., 60c; 1 lb., \$1.00.

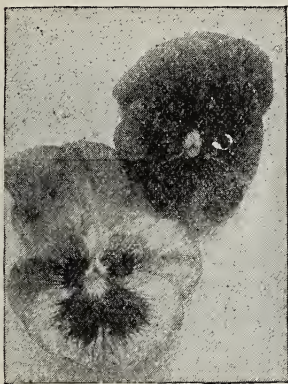


Tall Mixed Nasturtiums

We advise our customers to write the Department of Agriculture, Washington, D. C. for Bulletin No. 1171 on Annual Flowering Plants.

PANSIES

CULTURE—Pansies are the most popular of all flowers and everyone should grow a bed of this hardy group. Best results may be had by sowing seed indoors in February, transplanting when large enough, one inch apart and then again to the open ground in May. The largest sized flowers can only be attained in rich soil. Manure from the cow stable is especially beneficial.



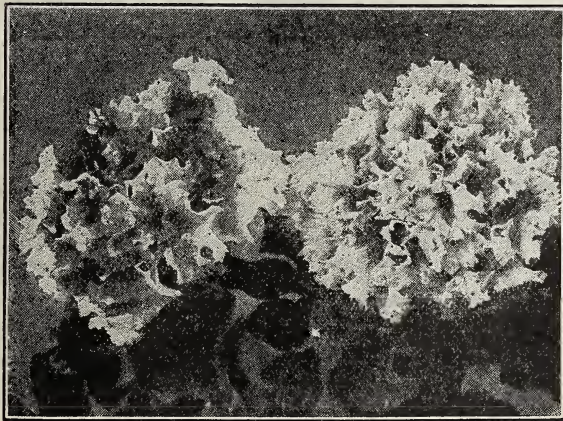
Will's Royal Show
ADONIS MASTODON. The best of the light blue pansies. Pkt., 15c.

For Pansy Plants, see Page 76.

PENSTEMON GRANDIFLORA—Beard Tongue. One of the most beautiful of our native perennial flowers and absolutely hardy. The plant grows 2 feet high, blooming in early July, with long spikes of large lavender, bell-shaped blossoms. Fine for cutting and color masses. Pkt., 5c; 1/4-oz., 20c.

PETUNIAS

CULTURE—The greatest care should be taken in planting petunia seeds. The covering of soil should not exceed one-sixteenth of an inch in depth and while the earth must be kept warm and moist, excessive moisture must be avoided.



Prize Double Petunia

ROSY MORN. A dwarf petunia, dainty and effective for borders. In color a soft carmine pink with white throat. Pkt., 10c.

For Single and Double Petunia Plants, See Page 76.

WILL'S ROYAL SHOW. We have spared neither care nor expense in our efforts to make the Royal Show strain of Pansies the best in cultivation. This mixture is made up of the best and choicest varieties grown by specialists in all parts of the world. The colorings and markings are diverse beyond belief. Pkt., 15c; 2 pkts., 25c.

WILL'S PREMIUM MIXTURE. While not to be compared with the Royal Show mixture, it comprises the best of several pansy specialists' choicest and most expensive strains. It is a mixture that will please everybody who enjoys pansies and can appreciate quality of color, shape and substance. Pkt., 5c.

BRONZE MASTODON. The best of pansies in a beautiful bronze shade. Pkt., 15c.

PANAMA — PACIFIC MASTODON. Wonderfully large yellow blossoms. Pkt., 15c.



Bronze Mastodon

PRIZE DOUBLE. Our large flowering strain marks a great advance in Double Petunias. At least fifty percent of the plants produced will have double or semi-double blooms. The intensely careful work necessary in pollenizing and harvesting makes our seed "worth its weight in gold." Pkt., 20c; 2 pkts., 35c.

HYBRIDA GRANDIFLORA. In this mixture will be found all the choicest and most beautiful single and semi-double flowers in cultivation. The colorings and markings are simply wonderful. Our seed is saved from strong, thrifty, free-flowering plants which show the richest colors and most striking markings. Pkt., 5c; 1/4-oz., 20c.

PHLOX—*Drummondii Grandiflora*. Of all summer flowering annuals Phlox Drummondii stands among the most brilliant and satisfactory. The trusses are large and well rounded, while the individual florets are as large as those of the perennial Phloxes. The colors we offer in our superb mixture are most distinct and brilliant. Pkt., 5c; $\frac{1}{4}$ -oz., 30c.

Poppies



Carnation Poppy

in the spring where plants are to bloom. Where a solid bed is desired, seed may be thinly broadcast and raked in. This is the most effective way of planting this gorgeous flower. We can supply separate colors in half ounces. Pkt., 10c; $\frac{1}{2}$ -oz., 20c.

FLANDERS. Hardy and easily grown, the vivid scarlet red flowers cannot be surpassed for effect when massed in solid beds. The official flower of the American Legion. Pkt., 5c; $\frac{1}{2}$ -oz., 30c.

BLUE MAW. The seed is much used in cooking by the people of Central and South Eastern Europe. Pkt., 5c; oz., 10c; 1 lb., \$1.00.

PORTULACA—Rose Moss. A hardy dwarf annual of easy culture, it thrives anywhere and produces an abundance of brilliant blooms where almost any other plant would die. The flowers are rich and brilliant in coloring. Fine for beds, borders, and rock planting.

Double Mixed. Pkt., 10c; $\frac{1}{4}$ -oz., 90c. Single Mixed. Pkt., 5c; $\frac{1}{4}$ -oz., 25c.

PRIMROSE OR PRIMULA—Japanese Primrose Mixture. Seed sown in April will make fine specimen plants which will begin to bloom in the fall and continue through the winter. Our mixture includes not only the choicest colors of the single flowering Primulas, but also selected seed from hybridized flowers, which will produce a number of double blooms. Pkt., 10c.

RICINUS—CASTOR BEANS. Strong growing ornamental plants, of stately growth, ornamental foliage, and brilliant colored fruit. Much used for center plants in beds and for massing. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 45c.

SALPHIGLOSSIS—*Grandiflora*—"Velvet Flower." A free-flowering annual succeeding best in cool, moist soils. The large flowers borne by plants of our mixture are most vividly spotted and striped on ground colors of deep blue, rose, velvet, yellow and reddish bronze. Pkt., 5c.

MIXED CARNATION. This is the finest double mixture ever offered. It includes the most brilliant and delicately tinted sorts and a bed of this strain makes a truly gorgeous display. Pkt., 5c; $\frac{1}{2}$ -oz., 15c.

SHIRLEY. This strain is perfectly hardy and flowers the first season from seed. The large, graceful flowers range in color through all shades of rose, pink, carmine and brilliant crimson. Pkt., 5c; $\frac{1}{2}$ -oz., 20c.

CALIFORNIA OR ESCHOLTZIA. Crimson, white and gold. A showy, free-flowering plant, of low spreading growth and finely divided silvery-gray foliage. Seed should be sown thinly and early

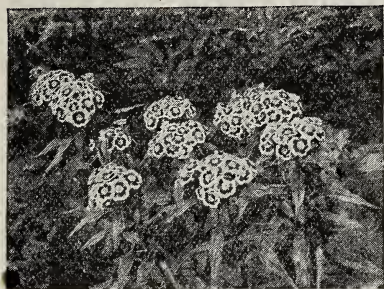


California Poppy or Escholtzia

SCABIOSA—MOURNING BRIDE. Our large flowering tall double sort forms compact, rounded plants of dark green foliage, 10 inches in height. The flowers are born on tall slender stems 20 inches in length and bloom from the middle of July to frost. Scabiosa is prized for cutting and much used for borders. Pkt., 5c; ½-oz., 20c.

STOCK—Dwarf Ten Weeks. The large flower spikes are borne in great profusion. They are of beautiful coloring, rich fragrance, and excellent keeping quality. Our strain is of the best for bedding and early summer flowering. Pkt., 5c; ¼-oz., 35c.

SWEET ROCKET—HESPERIS. An old-fashioned plant growing 2 to 3 feet high, bearing spikes of showy fragrant flowers. Used for borders and cutting. Pkt., 5c.



Sweet William

ZINNIA—Dahlia Flowered. The Dahlia Flowered Strain is the biggest advance in the development of the Zinnia to date. This old fashioned favorite is much used for bedding and borders and lately for cutting. Few flowers are more easily grown or bloom more abundantly. With this new strain you can have larger, handsomer, and more brilliant Zinnias than ever before. Pkt., 10c; ¼-oz., 50c.

SWEET WILLIAM — Dianthus Barbatous.

These make wonderful border plants, with heads of bloom of great size and wonderful beauty. If given proper care the plants will last many years although they may be easily raised from seed each season. Our mixture combines many rich and beautiful colors of this old favorite. Pkt., 5c; ¼-oz., 20c.

VERBENA HYBRIDA. A most popular annual of many uses, bearing large clusters of showy flowers through a long season until frost. The colors of our mixture are rich and varied and embrace all the brighter shades. Pkt., 5c; ¼-oz., 25c.

Choice Mixed Sweet Peas

A Few Suggestions in Regard to Sweet Pea Culture—The Sweet Pea Plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. The seed should be sown at the rate of one ounce to fifteen feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember the vines quickly wither if allowed to produce any great amount of seed.

WILL'S IMPERIAL MIXED. If you want the finest mixed Sweet Peas ever grown you should give the Imperial Mixed a trial and be convinced of their wonderful beauty. In this mixture are "blended" all the best Spencer strains and the ever popular Grandiflora types. Every color of the rainbow in unlimited variety is represented in every possible combination; striped, blotched, mottled and margined. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 80c; 1 lb., \$1.00, postpaid.

TREAT SWEET PEAS WITH



WILL'S GIANT SPENCER MIXTURE. A perfect blend in proper proportions of many splendid varieties of the Spencer or orchid-flowered type throughout the whole range of color. This mixture has involved careful selection and we highly recommend it. Pkt., 10c; oz., 20c; ¼-lb., 60c; ½-lb., \$1.15; 1 lb., \$2.25.

I am writing to let you know how your trees and shrubs grew for us in N. W. Wyoming, seven miles N. E. of Gillette. Your garden seeds of all kinds have always given entire satisfaction; took several premiums at the County Fair in Gillette last year.

Mrs. J. B. Thompson,
Gillette, Wyo.

More Sweet Peas on the Next Page.

Single Color Spencer Sweet Peas



King Edward

ILLUMINATOR. In color this variety is distinct and may best be described as rich cerise-salmon. The flowers of this Spencer sort are well placed on long, stout stems, and are uniformly large. The standard is bold, expanded and attractively waved. This sort was awarded a Certificate of Merit by the American Sweet Pea Society. Pkt., 10c; oz., 25c.

FLORENCE NIGHTINGALE. The standard is unusually bold and measures two inches across. The color is soft, rich lavender toned by a faint rose-pink. The large, well spread wings are frilled and well waved. This is a beautiful Sweet Pea for bunching. Pkt., 10c; oz., 25c.

FOR MORE AND BETTER SWEET PEAS TREAT SEED WITH



IRISH BELLE OR DREAM. A superbly beautiful variety that shows quite a new shade in Sweet Peas. This coloring is uniform throughout the flower—a rich lilac, flushed with pink. The flowers are of large size and well placed on long stems. This variety is certified by the National Sweet Pea Society of America. Pkt., 10c; oz., 30c.

HAWLMARK PINK. One of the finest varieties now in cultivation. The color is a beautiful shade of rose pink, shaded with salmon. The flowers are large, usually borne in fours on long stout stems. Pkt., 10c; oz., 40c.

PRIMROSE. The largest and best strain of Primrose-Spencer. The cream-yellow flowers are large, of splendid substance, and well waved with an abundance of four bloom sprays. Pkt., 10c; oz., 25c.

MRS. SANKEY. The largest and grandest of all white Sweet Peas. Borne in fours on long stout stems, the blooms attain perfection in form, waviness, and immaculate whiteness. Pkt., 10c; oz., 25c.



Hawlmark Pink

Insecticides for Farm Garden and Household

For Potato Bugs, Cabbage Worms, Aphis and All Plant Pests.
Prices Subject to Market Change. Ask for Prices on Large Lots
All prices on this page by express or freight unless otherwise explicitly stated.

DEVOE & RAYNOLDS INSECTICIDES



PARIS GREEN. The old reliable. Unmailable. $\frac{1}{4}$ -lb., 20c; 1 lb., 55c; 4 lbs. bag @ 50c per lb.,; larger lots at same price.

ARSENATE OF LEAD. Rapidly coming to the front as a spray for potatoes. Powder form. Unmailable. $\frac{1}{2}$ -lb., 25c; 1 lb., 45c; 4 lb., bag @ 40c; larger lots at same figure.

BORDEAUX MIXTURE. This is the only remedy against fungus diseases such as rusts, blights, mildews etc. in shrubs, plants and trees. 1 lb., 40c; 4 lb. bags, \$1.40. Unmailable.

SURE NOXEM. The ideal powder insecticide for cabbage worms, squash and cucumber beetles, currant and gooseberry bushes, as well as for potatoes etc. 1 lb. package in sifter top can, 25c, postpaid 30c. 5 lb. bags, 75c.



HAMMOND'S SLUG SHOT. One of our very best remedies against both cabbage worms and potato bugs as well as squash and cucumber bugs. A powder harmless to human beings and animals. Apply with a duster such as listed on Page 52. By express or freight, 1 lb., 25c; 5 lb., pkg., 75c; 10 lbs., \$1.50. By mail, add your zone postage.

BLACK LEAF 40. A tobacco preparation, especially for plants and nursery stock. An excellent aphid remedy. 1 oz. bottle (makes 6 gallons), 35c. Cannot be sent by mail.

SULPHO-TOBACCO SOAP. Combines the qualities of tobacco and an oily emulsion which no insect can withstand. Kills all kinds of plant lice, worms, etc. Also valuable as general insecticide for roaches, fleas, etc. Is not poisonous to plants or animals—only to insects. Postpaid, 3 oz. cake, 15c; 8 oz., cake, 30c.

FISH OR WHALE OIL SOAP. A caustic potash soap made from pure fish oil, valuable for rose bushes as a wash, and for the leaves and bark of plants or trees to kill eggs, and scale. Smear on trees will prevent the ascent of worms. Postpaid, 1 lb. cake, 25c.

CARBOL—The Disinfecting White Paint. Destroys vermin, makes a smooth even surface superior to any white-wash, nothing better for chicken house or dairy barn. Can be easily applied with sprayer or brush. Useful also in powder form as a lice powder and insecticide. One lb. to one gallon of water. In 10 lb. pkgs., at \$1.25 each, by express or freight.

CARCO. This is the best remedy for cutworms and other underground pests. Use one pint to 75 pints of water and spray the soil before planting. Later use one pint to 125 pints of water. By express or freight, one pint, 75c; postpaid, 90c.

TOBACCO DUST. An excellent remedy against all kinds of aphid or plant lice. Per lb., by express 20c; postpaid 25c.

RAX—THE RAT AND MOUSE DESTROYER. We have experimented with various preparations for destroying vermin for many years, and have found RAX to be the surest and best. It is not poisonous but inoculates the animals with a disease to which they alone are susceptible. The disease is contagious and soon spreads to all the animals in a building. Per package 75c; postpaid, 85c.

Fertilizers

PULVERIZED SHEEP MANURE. This is by far the most concentrated of the cheap fertilizers and is adapted especially for garden and lawn use, and for use in a larger way where the land is being used intensively. Sheep manure is a complete fertilizer and supplies every item which worn out soil requires. Use from 5 to 10 lbs., per 100 square feet. Price, 10 lbs., 40c; 25 lbs., 60c; 50 lbs., 80c; 100 lbs., \$1.25; 500 lbs., \$6.00; 1000 lbs., \$11.00; one ton, \$20.00.

LAWN RENEWER. A strong prepared fertilizer for run down lawns as well as general garden and flower bed. One lb., equals 20 lbs., stable manure. Use at rate of 25 lbs., per 1000 square feet. 10 lb., 75c; 25 lbs., \$1.40; 50 lbs., \$2.25; 100 lbs., \$4.00.

NITRATE OF SODA. The great nitrogen supplying fertilizer. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$5.00.

StimUpPlant
Makes a
Wonder Garden

STIMULPLANT. Concentrated fertilizer and plant food in tablet form, the most concentrated form of plant food on the market. Four tablets makes one gallon strong fertilizer. Pkg. of 30 tablets 25c, postpaid, 30c; pkg. of 100, 75c; postpaid, 85c.

ZENKE'S NEW PLANT LIFE. An unusually concentrated, and very satisfactory fertilizer for the potted plants or the small garden. 8 oz., can, 45c, postpaid.

Poultry Supplies, Prepared Feeds, Etc.

All by express or freight unless otherwise stated. Prices subject to change.

Send for our special price list of feeds and poultry supplies.

Write for prices on incubators and brooders

PIONEER BABY CHICK FOOD. For baby chicks up to three weeks old. A carefully ground mixed and screened feed. 4c per lb.; \$3.75 per 100 lbs.

PIONEER CHICK FOOD. To be fed after three weeks old and until chicks are able to eat whole grain. Per lb., 3c; 100 lbs., \$2.75.

MILK MASH. To promote healthy growth of chicks. 25 lbs., \$1.50; 100 lbs., \$5.00.

EGG OR LAYING MASH. Promotes egg laying greatly, especially in winter. 25 lbs., \$1.25; 100 lbs., \$5.75.

EGG LAYING TABLETS, LEGEAR'S. To be used in the feed. Very well recommended. Pkg. of 50 tablets for 55c; 120 tablets, \$1.05, postpaid.

PIONEER SCRATCH FEED. A balanced grain mixture of our own preparation for mature birds. Has given uniformly excellent results. Per 100 lbs., \$2.00.

MEAT SCRAPS. 25 lb., sack, \$1.50; 100 lbs., \$5.50.

DARLING'S MEAT CRISPS. A concentrated meat ration. By express or freight, 3 lb. package, 40c.

SUNFLOWER, HEMP AND CANARY. For poultry, parrots and song birds. By express or freight, 20c per lb., 10 lbs., \$1.50.

ALFALFA MEAL. By express or freight, 10 lbs., 40c; 25 lbs., 75c; 100 lbs., \$2.75.

CHARCOAL. To keep fowls in a healthy state, a regulator of some kind must be fed. Nothing takes the place of charcoal. 10 lbs., 75c; 100 lb. sack, \$5.00.

PILOT BRAND CRUSHED OYSTER SHELLS. We have this year a good supply on hand. 10 lbs., 25c; 100 lbs., \$1.50.

MICA CRYSTAL GRITS. By express or freight, 100 lbs., \$2.00.

LIMESTONE GRITS. Per 100 lb. sack, \$1.80.

GLASS JAR DRINKING FOUNTAINS. We supply only the lower dish and the holder for the jar. Any common glass jar or sealer will do. Price, postpaid, 25c.

CHAMPION LEG BANDS. Aluminum. Numbered from 1 to 100. Price, postpaid, 25 set, 35c; 100 set, \$1.00.

KEYRING CELLULOID LEG BANDS. Different colors. Per dozen, 25c; per 100, \$1.00, postpaid.

THE LAWN PARK COOP. A light sanitary, safe and easily shifted coop of wire and galvanized iron. Send for circulars. By express or freight, \$3.50 each.

AMERICAN INCUBATOR THERMOMETER. This is the most convenient, most accurate and altogether most satisfactory thermometer that we have seen, and takes up the least tray room. Each, \$1.00; postpaid.

DRIED BUTTERMILK. This is almost an indispensable article in feeding poultry scientifically and for best results. By express or freight, per lb., 15c; in 25 lb. lots or larger, 12c per lb.

OIL MEAL. 10 lbs., 60c; Per 100 lb. sack, \$3.75. Ask for prices on larger amount.

BLATCHFORD'S CALF MEAL. Raise Your Calves Without Milk. This compound composed of eleven balanced ingredients is a perfect milk substitute. Has been used for over seventy years, and always with the best success. Comes in all size sacks, full directions accompanying every sack. Try it and you will always use it. 25 lb., sack \$1.75; 50 lb., sack, \$3.25; 100 lbs., \$6.00.

DIGESTER TANKAGE. A very necessary conditioner for hogs. Per 100 lbs., \$5.00.



"Care and Treatment of Stock and Poultry" by Dr. LeGear, sent on request.

STOCK POWDERS in the following sizes 25c, 50c, \$1.00, and in 25 lb., pail, \$2.50.

STOCK DIP. 1 qt., cans, 60c; per gallon, \$1.75.

POULTRY POWDER, pkg., 30c.

LICE KILLER, per pkg., 30c.

ANTISEPTIC HEALING POWDER, pkg., 30c.

BOWEL REGULATOR. Efficacious for Cholera, 25c.

ROUP REMEDY, 25c.

SORE HEAD REMEDY, 25c.

HEAD LICE REMEDY, 25c.

WHITE DIARRHOEA REMEDY, 25c.

COLD REMEDY, 25c.

Prices are all by express or freight. Add 5c per pkg., to small size packages if wanted by mail.

Sprayers and Dusters

ONE QUART GLASS JAR SPRAYER. This is a substantially built and very satisfactory small machine. Price by express or freight, \$1.00.

PERFECTION. This is an exceedingly well built knapsack sprayer with a capacity of four gallons. Re-inforced galvanized tank. Price \$6.50, by express or freight. With brass tank, price, \$10.00.

JUNIOR. A smaller knapsack type, capacity 2½ gallons, built as sturdily in every way. Price \$5.40, by express or freight. With brass tank \$8.00.

NO. 4A BARREL PUMP. With hose, nozzles and 8 ft of pipe, suitable for use in any sort of barrel. Price, \$15.40. Mounted in barrel, complete, \$34.50, by express or freight.

Write for Information on other Sprayers also Repairs and Supplies.

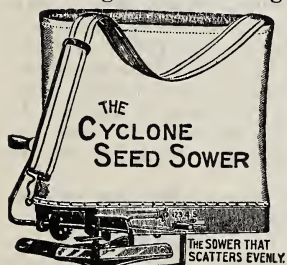
ACME DUSTER. A cheap and exceedingly satisfactory duster for the application of all powder insecticides. Price, postpaid, 80c.

POWDER SPRAYER OR DUST GUN. A low-priced mechanical dust distributor that gives good satisfaction. Built somewhat along the lines of the smaller sprayers. By express or freight \$1.00, postpaid, \$1.25.



Tools and Implements

THE CYCLONE SEED SOWER. Is the greatest labor and seed saving invention of the age. Its working principles are a marvel of simplicity. The machine is so simple in construction and so perfect in operation that even a boy can operate it.



It will sow Clover, Timothy, Wheat, Oats, Rye, Buckwheat, Hungarian, Red Top, Turnip, Millet, Alfalfa, Corn, Cotton and all other farm seeds perfectly even and in any desired amount to the acre and from thirty to sixty acres per day, full instructions and directions on every machine. Price, each, \$2.25, postpaid. By express, \$2.00.

ACME POTATO PLANTER. All steel with basket tube to drop into. Price, \$2.75, each. By express or freight.

ACME HAND CORN PLANTER. Plants one to five kernels per hill as desired. Price, \$2.00, by express or freight.

LANG'S HAND WEEDER. The ideal tool for the flower bed or small garden. A necessity to every gardener. Price, postpaid, 25c each; \$2.50 per dozen.

HAND GARDEN TROWELS. We have secured a supply of extra good quality heavy trowels. Neither handle nor blade will break or bend. Price, each, 80c, postpaid.

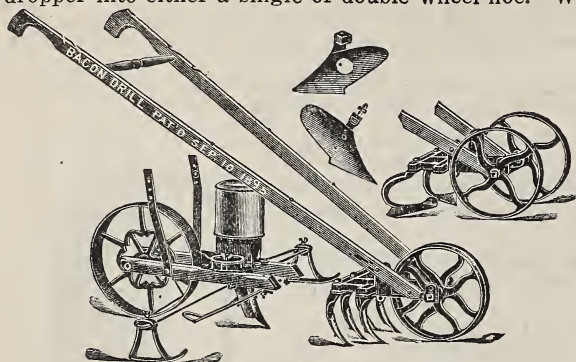


Enclosed you will find order for my garden seed. You are the only ones I've ever got seed from that matured in this high climate.

Mrs. W. S. Blaine,
Great Falls, Mont.

Drills and Cultivators

THE BACON NO. 12. Equipped with parts to transform it from a drill and hill dropper into either a single or double wheel hoe. Will seed any size seed regularly and evenly, and is especially good in sowing such seed as beet, parsnip, carrot, etc. An ingeniously devised force feed which does not injure the seed. A sturdy substantial machine for the gardener. Hill dropper for 9, 12, 18 and 36 inch distances. Can be made into either the No. 3 or 4 cultivators, with five teeth, two hoes and right plow. This gives full garden equipment for seeding, cultivating both sides of a row and between rows. The change from drill to cultivator is very easily and quickly made.



No. 12 Bacon Drill

Price, complete, boxed, by express or freight, \$15.00; shipping weight, 44 lbs.

BACON CULTIVATOR NO 3. A single-wheel machine with five teeth. By express or freight, boxed \$7.00. Shipping weight, 18 lbs.

BACON CULTIVATOR NO. 4 Single or double-wheel machine with five teeth, 2 hoes and right plow. By express or freight, boxed, \$7.50. Shipping weight, 19 lbs.

NO. 25 PLANET JR. HILL AND DRILL SEEDER. Double-Wheel Hoe, Cultivator and Plow. A combination of the Planet Jr. No. 4 seeder and No. 12 two-wheel cultivator. Equipped with one pair 6-inch hoes, two pairs teeth, two plows and two leaf guards. Sows in drills of any thickness or in hills 4, 6, 8, 12 or 24 inches apart. Thoroughly substantial and accurate in planting all kinds of seed. Seed hopper holds 2½ quarts. Quick shut-off and very simple regulator for fixing the rate of sowing. As a cultivator, can be used for hoeing, stirring, furrowing or hilling, either astride the row or between rows. Price, boxed, by freight or express, \$26.00. Shipping wt., 61 lbs.

NO. 4 PLANET JR. SEEDER. Same as No. 25, but with no cultivator attachment. Price boxed, by express or freight, \$21.50. Shipping wt., 40 lbs.

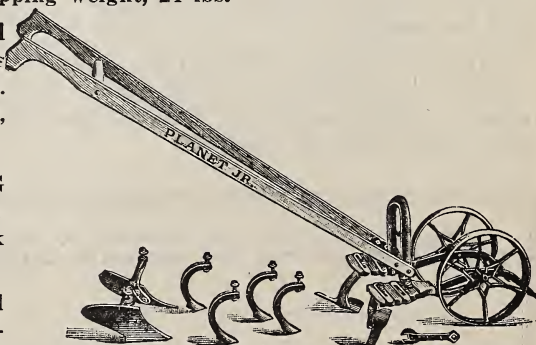
NO. 35 SEEDER ATTACHMENT. Goes on any single or double wheel hoe, attaching with one bolt. Just the thing for the small gardener who does not wish too expensive an outfit. Price, with handle, \$7.75, without handle, \$7.00. Weighs about 10 lbs.

NO. 17 PLANET JR. Single-Wheel Hoe and Cultivator. Equipped with two 6-inch hoes, a plow and 4 teeth. Extra tools can be purchased for use on it. Price, boxed, by express or freight, \$9.00. Shipping weight, 24 lbs.

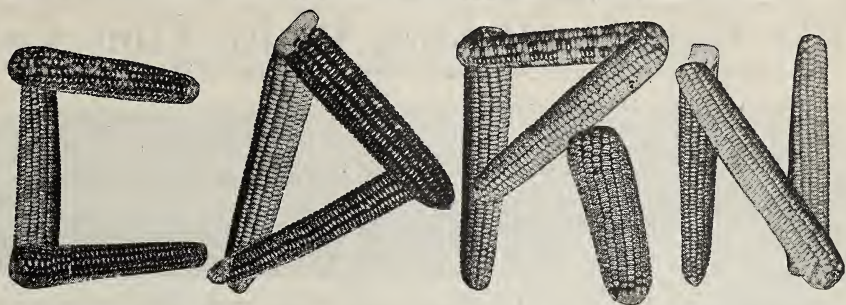
NO 12 PLANET JR. Single and Double-Wheel Cultivator. Combines the No. 17 with a two-wheel machine. Price, boxed, by express or freight, \$13.00. Shipping weight, 33 lbs.

PLANET JR. LAWN EDGING TOOL. Almost indispensable when the lawn is large with much walk borders. Each, \$1.50.

FOLDERS on BACON and PLANET JR. MACHINES Furnished on Request.



Planet Jr. No. 12



Pioneer Brand Seed Corn From the Missouri Valley in North Dakota

Prices of Seed Corn include sacks, are F. O. B. here and subject to prior sale and change without notice.

Corn has in the past year once more demonstrated its value as a sure crop; be sure to plant a good acreage next season, and to use only reliable, tested **PIONEER BRAND SEED CORN purchased from OSCAR H. WILL & CO.**

We have now been raising seed corn here in the Missouri Valley of North Dakota for forty-two years.

Out here the varieties of corn especially adapted to the Northwest were bred and developed, and here they grow to their greatest perfection for seed purposes. Our corn ripens and dries on the stalk, making plump, full grains of abounding vitality and almost perfect germination. Such corn used for seed grows faster and makes larger plants and ears than any kiln dried, shrivelled, discolored seed corn can ever do by any possibility. Physical weakness in man, beast or plant and low vitality is bound to show in the offspring.

Seed Corn is our specialty—our stock is all grown from seed of our own selection. We hand sort all Seed Corn and both before and after shelling and testing store it in warm, dry buildings. No better grade of seed corn can be produced anywhere. Remember that we have bred and introduced practically all of the best varieties of corn for the Northwest. You will find them described in the following pages.

The past year was a wonderful corn year but in some ways a dangerous one for inexperienced corn planters. Late, tall varieties which have no place in North Dakota corn culture, and which will cause heavy losses if grown regularly, ripened and matured seed, and too many will try them again another year. Just remember that science proves that our climate does not change over any considerable period either as to frost dates or as to periods of drought or moisture. Varieties which will not stand the extremes of heat, dry weather and early frosts which we have had in the past are not suited to our country. Dr. Melvin R. Gilmore of the Museum of the American Indian made, several years ago, a study of some large fragments of creeping juniper from the Bad Lands and found that there was represented in the growth a period of nearly a hundred years, showing alternate cycles of dry and wet weather, from five to seven years to the cycle. Mr. Frank Simon, a pioneer along the Missouri above Bismarck, has read the rings of old cottonwood trees with the same result for a period of 102 years. Therefore the conservative grower will stick to the established and proven varieties of corn, of which we offer a tested and proved list, which have as their basic blood the wonderfully hardy and acclimated corn which the village Indians along the Missouri in our state have grown for over two hundred years.

Every lot of corn is tested by us after being shelled and before shipment. In a favorable year we aim to keep our test above 90 per cent; in a year when seed is scarce, above 80 per cent. We are always willing to have any corn not as represented returned by customers, as it is our aim to send out only the best. Mistakes will occur in the warehouse sometimes, and feed corn or the wrong sorts may be accidentally shipped out. Always notify us at once of any mistake or cause for dissatisfaction and wait to hear from us before disposing of the goods.

I want to give this warning to your customers. Order your seed corn early or the Canadian West will snap up all the corn in sight. Our farmers want corn, early corn; last spring they could not get enough. I cannot recommend Will's seed corn too highly. If you want corn that will ripen, buy the kind that Will advises for your district. We have tested Will's seed corn with other people's and found it more drought resistant and earlier in maturity than any other seed corn.

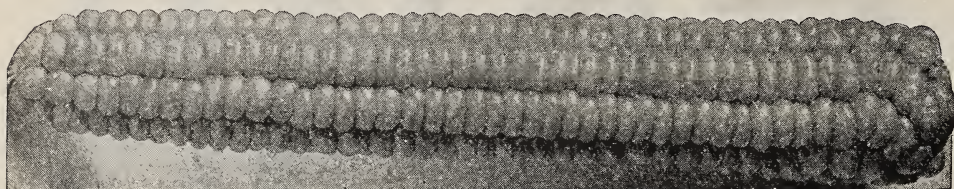
The varieties introduced by O. H. Will & Co., Northwestern Dent and Gehu flint, are the leading varieties of corn grown in the Canadian West. We have ripened corn here every year since 1908 and from forty to seventy acres annually, for grain and fodder. It is a privilege to recommend Will's Seed Corn.

Gordon McLaren, Pinestone, Manitoba.

CARUGUSS SEED TESTER. An inexpensive, scientifically constructed seed tester suitable for testing all sorts of seed grains, and especially seed corn. No farm home should be without one of these handy testers Price, postpaid, \$1.00.

Will's Genuine Dakota White Flint Corn

The Earliest, Most Drought Resistant, Highest Yielding of the Early Flints



Professor Walster says:

"Apply this test to any seed corn variety offered you for feed or fodder purposes; How nearly ripe will it be by September first?"

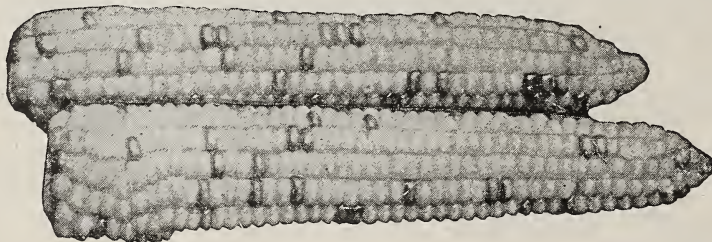
Dakota White Flint at the North Dakota Experiment Station on September first outyielded both Mercer flint and Golden Glow Dent in total production of dry matter.

Dakota White Flint, the first corn developed by Oscar H. Will in the eighties has stood the test of years and is a standard for earliness and hardness. It is a pure, pearly white flint with long slender ears which shell out the maximum amount of grain. A great many ears are borne to the hill which accounts for the exceptional yields, there being many reports of fifty and sixty bushels to the acre for small fields and forty to fifty bushels per acre in fields of forty, fifty or more acres.

Dakota White Flint matures corn with an unusually small moisture requirement and is the most frost resistant, and hail resistant of any known variety.

Stalks are leafy and bushy in appearance, ears grow low on the stalk which attains a height of from four to six feet in a fair to good year, being somewhat shorter in dry seasons. A wonderful variety for feeding in the field as there are no coarse stalks, and every bit of stalks as well as grain is consumed with gusto by stock.

Do not confuse Dakota with other white flints. The Dakota is a grain producer with a small cob. Other flints with tremendous cobs which shell out a very low percentage are sometimes offered as Dakota. By express or freight; 10 lbs., 50c; ½-bu., \$1.50; bu., \$4.00; 100 lbs., \$4.40; 5 bu. or more at \$2.40 per bu.



Burleigh County Mixed Corn

The Original Dakota Squaw Corn

This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its popularity through all the years since, on account of its extreme earliness, and its unusual hardness. It is very resistant to both drought and frost and fully as heavy a yielder as any variety of early flint. It is a flint corn of mixed colors, yellow, white, blue and red predominating; ears long and slender, mostly eight rowed. By express or freight; 10 lbs., 50c; ½-bu. \$1.40; bu. \$2.30; 100 lbs., \$4.00; 5 bu. or more at \$2.25.

I should have written you about the Corn I got of you last spring but neglected it. But will mention it now. I never saw corn grow as fast as it did.

Frank Meister

R. No. 7, Independence, Iowa. 16366

Will's Gehu 70-Day Corn

See Illustration on Front Cover



Gehu Yellow Flint

Gehu, the best known of our native early flints, might well be called the universal corn. We have shipped it to every continent and have had fine reports from it in Scandinavia, Northern Russia, Ireland, Scotland, South Africa and South America. It has been carefully bred by us for nearly forty years and shows the effect of this breeding. Its feeding qualities are the highest of any variety of corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk and every part of the plant is utilized. It is drought, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a corn binder. **Lb., postpaid, 25c.**

By express or freight, 10 lbs., 60c; 1/2-bu. \$1.40; bu. \$2.50; 100 lbs., \$4.40; 5 bu. or more at \$2.40 per bu.



Chas. W. Larson of Casper, Wyo., with 4 stalks of his Gehu corn having 8 ears, 2 are 14 1/2 in. long, 2, 14 in. 2, 13 in. 2, 12 in.

I planted some Gehu last year and it did fine. I cut it with a binder and had enough feed for my milch cows all winter and till spring, and they have done better on it than any other feed.

**A. T. Andrews,
Garneill, Mont.**

We sure like your seeds and Gehu Corn. They are fine for this country.

**H. J. Keenan,
Glenrock, Wyo., Bx. 113. 15835.**

I tried your Gehu Corn last year and raised some of the finest corn that has been grown in Star Valley.

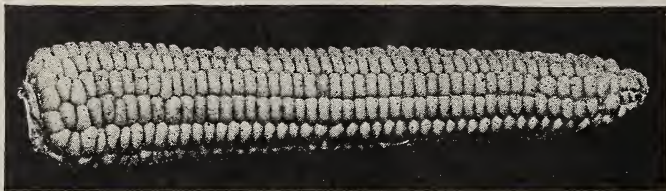
**Adrin Merritt,
Bedford, Wyo. 8974**

The New White Flint---Shota

SHOTA, upon which we have been working for a number of years, is a pure white flint with ears considerably longer than those of the Dakota, and kernels a trifle larger. It grows from 6 in. to 1 ft. taller, and is about a week later. It produces quantities of fine feed as the main stalk is not heavy and there are many suckers. The ears grow well up from the ground. This variety is a cross made by us between a tall, rather late white flint from the Iriquois Indians of New York state, and our own Dakota White Flint. We feel that we have produced in SHOTA a new corn of real value. We are offering this year only a very limited stock. **1 lb., postpaid, 30c; by express or freight, 10 lbs., 75c; 1/2-bu., \$1.50; bu. \$2.75; 5 bu. @ \$2.50.**

Ivory King

The Wonderful and Prolific Corn for the Silo

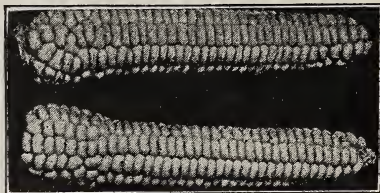


We are this year again offering the Ivory King; this is a large type white flour corn such as was raised by the Indians in southeastern South Dakota, and which has given the highest yields of any corn in several of the tests made by the Bureau of Corn Investigations for that region. This variety has been raised in the eastern part of the state for some years now both for silage and for ear production. It is a trifle late for a sure ripening sort although it is as safe as most of the early dents. As a producer of fine silage, however, it is without equal. The corn grows high enough to cut with a binder, the ears are of tremendous size and the stalk is very leafy. 1 lb., 25c, postpaid. By express or freight, 10 lbs., 60c; ½-bu., \$1.40; bu., \$2.50; 100 lbs., \$4.40.

Mandan White Flour Corn

Requires no Grinding for any kind of Stock

Government tests have demonstrated that the flour corns are actually even higher in feed value than the dents and are much more easily ground up and digested by stock than any other type of corn. In response to an urgent demand we have grown this year a sufficient supply of the white flour corn from the Mandan Indians to be able to supply it at reasonable prices for field purposes. This is as early as the early flints, a very heavy yielder of both fodder and ears, and certainly worthy of trial either for hogging off or ripening. 1lb., 30c, postpaid. By express or freight, 10 lbs., 75c; ½-bu., \$1.50; bu., \$2.75; 100 lbs., \$4.75.



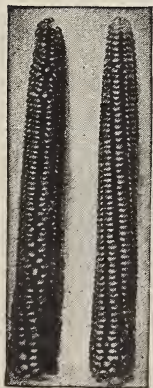
Mandan King

The New Flint, Tall, Leafy, Early and

Drought Resistant.

Mandan King has once more proved its value for the Northwest, demonstrating this year that it was not only a tremendous yielder of fine stalks and leaves, but also that it inherits much of the drought resistant characteristics of its native parent. It has yielded very well both of ears and fodder.

We consider it to be the ideal silage corn for those who wish the flint type, as it combines the yield of the late King Philip type flint, which was one of its parents, with the earliness and hardiness of the Mandan corn, its other parent. Usually ripens about a week later than Gehu. By express or freight, 10 lbs., 60c; ½-bu., \$1.60; bu., \$2.50; 100 lbs., \$4.40; 5-bu., @ \$2.40.



Mandan King



Mandan King

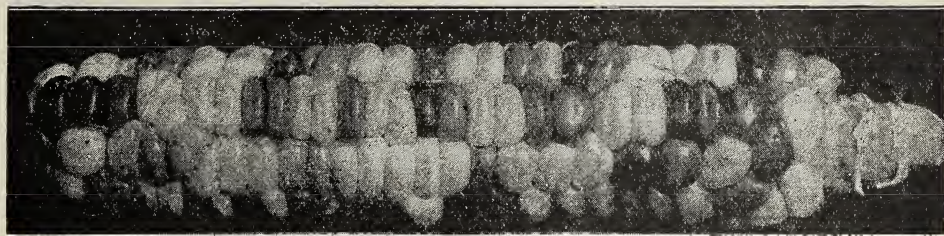


The Highest Yielding Of All Corn Varieties For The Northwest

Falconer corn is now far beyond the introductory stage, and is proving to be all that we had expected for the whole Northwest, outyielding all other sorts, and maturing with a good crop where dents are almost failures. We sold over a carload in Canada last year.

It is a semi-dent corn, yellow in color and with very large ears. It was developed by Mr. Angus Falconer of Bismarck from a cross between an unknown dent and the Burleigh County Mixed, which has been grown in this section for thirty or more years, and it combines with the long period of acclimatization all the good qualities of both parents. It grows sufficiently high to be easily cut with a corn binder. By express or freight, 10 lbs., 60c; $\frac{1}{2}$ -bu., \$1.40; bu., \$2.50; 100 lbs., \$4.40; 5 bu., or more @ \$2.40.

Assiniboine Corn, The Earliest in the World A Native of Canada



This wonderful early corn was secured by us from the Assiniboine Indians of Canada who have been raising it for at least fifty years. It is a mixed color corn of the squaw type and without any question at all the very earliest variety of corn in existence. It is also exceedingly resistant against drought and frost and a very good yielder under favorable conditions. We have seen it mature in less than sixty days when all conditions were favorable, and it never fails to make a crop even in the shortest of seasons.

We believe that there is no place in the United States below timber line where this corn will not ripen. Pkt., 5c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., 75c; $\frac{1}{2}$ -bu., \$1.75; bu., \$2.75; 100 lbs., \$4.80.

Your Assiniboine Corn ripened for us last year. Our nights are cold, season short, and our altitude is 5280 ft.

Carl Hirleman,
White Sulphur Springs, Mont.

Will's Original Northwestern Dent

MOST POPULAR DENT IN THE NORTHWEST



The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest. So much so in fact that corn of every type, color and description has since been sold under the name which we gave to this early red dent. Bloody butcher and Calico from South Dakota and Nebraska have disappointed many a

farmer who had bought them as Northwestern Dent, and found them too tall and too late to be of any value. The only safe plan therefore is to buy Will's Original Northwestern Dent from Oscar H. Will & Co.

Northwestern Dent is more extensively grown than any other variety

in the Northwest. It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drought resistance. By express or freight, 10 lbs., 60c; 1/2-bu., \$1.50; bu. \$2.50; 100 lbs., \$4.40; 5 bu. or more @ \$2.40.



Load of Northwestern Dent Seed Corn for U. S. Dept. of Agriculture from our contract field.

Square Deal Yellow Dent Seed Corn



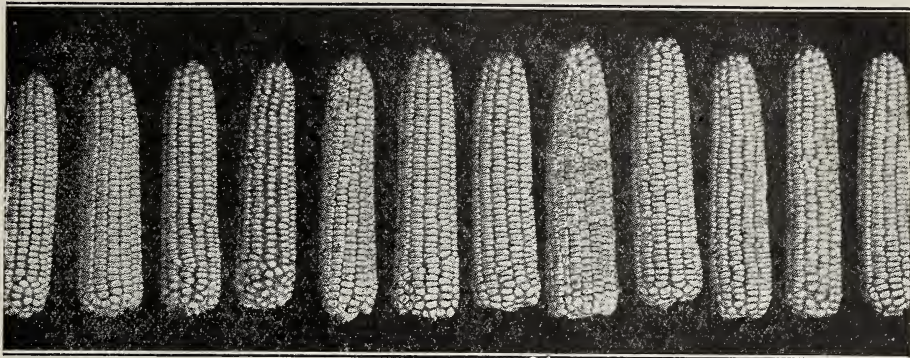
The Earliest Yellow Dent in the World

"Square Deal" is a pure yellow dent with a red cob. The ears grow six to eight inches in length and contain from 12 to 16 rows, the 12 row ears predominating. Stalks grow about seven feet, with the ears about two and one-half to three feet from the ground. It is the deepest kernel of any of the acclimated varieties, and although the ears are smaller than the Northwestern Dent, it shells at least 10 per cent more. This corn is growing in favor very rapidly, and it bids fair to take first place among all the early varieties. We do not recommend this variety for light soils, but on rich, heavy land it will outyield any other sort. By express or freight, 10 lbs., 60c; 1/2-bu., \$1.50; bu., \$2.50; 100 lbs., \$4.40; 5 bu., @ \$2.40.

PLANT CORN—RAISE STOCK—PROSPER

Pioneer White Dent Corn

THE EARLIEST, HARDIEST WHITE DENT IN CULTIVATION



Pioneer White Dent is perhaps the surest pure dent variety that can be grown in the Northwest, and is in addition the easiest dent to pick for those wishing only the grain crop.

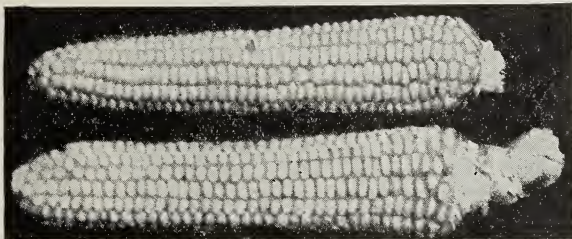
It is perhaps even a little earlier than the Northwestern Dent, and cures much quicker as the cob is smaller. The habit of growth is straight and tall, the ears are borne well up, and the production of ripe ears is very high.

Pioneer Dent is the result of our own breeding and selection from a white dent obtained from Mr. B. F. Schuster of Wyndmere, N. D., 14 years ago, corn which he had at that time raised for twenty years in North Dakota.

This corn has never failed to produce some ripe corn for us even in the worst years and has proved an unusual success in eastern Montana where it is very popular.

The ears average 6 to 8 inches long, gently tapering, 14 to 16 rows of kernels which are white with occasional pink shading; cob mostly white; stalks 5 to 7 feet high; ears 24 inches from the ground. Pkt., 5c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., 50c; 1/2-bu., \$1.25; bu., \$2.25; 100 lbs., \$4.00; 5 bu. or more @ \$2.10.

DAKOTA GOLD



Dakota Gold is one of our new crosses which we have been working with for the past ten years, and which we are still developing. It is a cross between the Wisconsin Golden Glow large dent corn and the Mandan yellow flour corn, and seems to be intermediate between the parents in a number of characters. It is a reasonably early heavy yielding semi-dent, with ears high enough to be easily bound and with an abundance of good leafy fodder. Drought resistant and very hardy in other respects. Pkt., 5c; 1 lb., 35c, postpaid. By express or freight, 10 lbs., \$1.00; 1/2-bu., \$1.75; bu. \$2.50; 100 lbs., \$5.00.

My neighbor H. F. Foutz planted some of your Pioneer Dent corn last year and in spite of it being a drought year it made a better yield than our local varieties.

Chas. Phillips,
Pierce, Colo.

MINNESOTA 13 YELLOW DENT

NORTH DAKOTA GROWN



John H. Krein's field of Minnesota 13 near Wishek, N. D., from our seed

Minnesota 13 is one of the most popular varieties of corn for silage and fodder purposes in the Northwest. It is adapted however only to good soil and favorable conditions. It will mature in a favorable year, but is on the average somewhat too late for anything but feed in our climate. Its yield of fodder and silage is very heavy and it attains near enough to maturity so that there is much dry matter in the content. It grows to a height of from seven to nine feet, depending on the season, usually bears two large ears to a stalk, which are many-rowed and of a beautiful, rich yellow color, cob is red.

We have an especially fine stock grown for us on contract here in Burleigh County, and of a strain which is much earlier than the average.

By express or freight; 10 lbs., 75c; ½-bu., \$1.50; bu., \$2.75; 100 lbs., \$4.90; in lots of five bu. or more @ \$2.65 per bu.

Rainbow Flint Corn

This is a very late variety of corn of the squaw type, probably coming from the Santee Sioux Indians of Nebraska. It is not adapted to our section for mature corn as it is very late, but owing to its great leafiness, the number and size of the ears, and the height to which it grows it is a wonderful sort for fodder, and a good silage corn when our season is not too short. It is somewhat later on the average than Minnesota 13, and produces a heavier tonnage of finer fodder, under adverse conditions, as it is rather hardier and more drought resistant. Lb., 30c, postpaid. By express or freight 10 lbs., 75c; ½-bu., \$1.50; bu. \$2.75; 100 lbs., \$4.90; lots of five bu. or more @ \$2.65.

Have grown Northwestern Dent here year after year successfully.

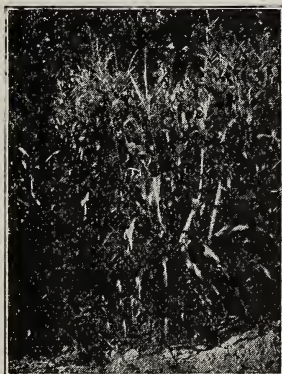
A. J. Murphy,

Alva, Wyo.

4 X FODDER CORN

A Tall Growing, Leafy, Heavy Yielding Fodder Corn

The 4X is, we consider, the very best procurable for Northwestern conditions. We get this grown just far enough south so that the maximum quantity of fodder is produced and at the same time the stalks come near enough to maturity so that they are not all water. The best time to cut corn for fodder is when the kernels are just past the roasting ear stage. Sow or drill ten lbs. to $\frac{1}{2}$ bu. per acre, if planted in rows 3 to 4 feet apart; if broadcasted, use about $2\frac{1}{2}$ bus. By express or freight, 10 lbs., 40c; $\frac{1}{2}$ bu., 75c; bu. \$1.40; 100 lbs., \$2.40.



Acme Fodder

Acme Fodder Corn

The Best Silage Corn for the Northwest

Acme fodder is a mixture of off type dent corn or of the local mixed strains or other early dents of which we may have an extra amount. Being a mixture it is ranker and more luxuriant in growth and a heavier producer. For this reason it is especially valuable for silage. It is easily handled with a binder and gives just about the right degree of maturity early enough for silo filling. By express or freight, 10 lbs., 50c; $\frac{1}{2}$ -bu., \$1.20; bu., \$2.00; 5 bu., @ \$1.90.

Sweet Fodder

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milk cows. Owing to the fact that its sugar content is so high it is a more concentrated feed than the ordinary corn. It is likewise a heavy yielder as it is so bushy, and there are no heavy coarse stalks which are usually waste. Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$7.50.



Sweet Fodder Drilled-In

Again I am ordering seed corn from you. Although we had a heavy hail storm on Aug. 5th. last year, still your Pioneer White Dent made a good crop. It's certainly a fine little dent for our high elevation here (3,800 ft.) and for pasturing and hogging off your White Flint can't be beat.

E. T. Stolz,
Greencreek, Idaho. 12276

Will's Clean Tested Seed Grains

All prices include sacks. Remember this—it means a very great difference.
Prices on all seed grain subject to change without notice.

We issue at intervals and as often as necessary a field seed price list, from January on, showing price changes and items on which we are sold out. We are always glad to mail it upon request.

FREIGHT RATES COUNT THESE DAYS. REMEMBER THAT WE ARE LOCATED IN THE CENTER OF NORTH DAKOTA WITH TWO RAILROAD LINES AT OUR SERVICE AND DIRECT ROUTES RADIATING IN EVERY DIRECTION.

We offer herewith a selected list of seed grains all of which have proved exceptionally adapted to the Northwest. Most of them have been grown for us on contract and others have been bought only after careful examination. The dry season has cut down the supply of many things but we are doing our best to fulfill all demands.

NOTICE—We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds.



Swan Neck Barley

wheat, producing a grain which resembles durum wheat in some respects and is exceedingly heavy. It is a good barley for dry sections as it is very early. Especially valuable for hogging off as there are no beards to bother the stock, as well as a wonderful hog feed when ripe and threshed. It is also sown for early hay. Sow 90 to 100 lbs. per acre. Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; 50 lbs., \$1.75; 100 lbs., \$3.00.—Special prices on large lots.

Black Hulless. Very similar to the above except that it is bearded and perhaps a trifle more sure in a very dry year. Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; 50 lbs., \$1.75; 100 lbs., \$3.00.

Oderbrucker. This is perhaps the standard variety of six row barley. It does best on heavy, rich soil where less barley which threshes out of the straw like it is a tremendous yielder. By express or freight, 10 lbs., 40c; ½-bu., 70c; bu., \$1.25; 100 lbs., \$2.40; 10 bu. or more @ \$1.15.

Pioneer Brand Seed Barley

Sow 1½ to 2½ bushels per acre.

SWAN NECK. This fine two row variety has unfailingly given best results in most of the Great Plains region outside of the lowest, wettest soils. It is outstandingly the best yielder at the Dickinson sub-Experiment Station, and in this vicinity is outstandingly the best. It is a medium early sort with a large, very plump grain, drought and heat resistant, and of the best quality. By express or freight; 10 lbs., 50c; ½-bu., 75c; bu. \$1.30; 100 lbs., \$2.50; 10 bu. or more @ \$1.20.

WHITE HULLESS. This is a six row beardless barley which threshes out of the straw like



White Hulless

I moved out here from the Red River Valley thirteen years ago, and when I came out brought several kinds of seeds of things that I hated to part with. Among them Gehu corn did so well that I got first prize on it and it was put on exhibition in the city of Bellingham. The Pilot and Great Northern beans have also done very well. I have now had several orders filled by you from here and have not made any mistake by sending you my orders.

O. J. Hagen,
Everson, Wash.

Pioneer Brand Seed Oats

Sow 1 to 2½ bushels per acre. Grain and Grass Seed Prices Subject to Change Without Notice

VICTORY OATS. An improved oat of the Swedish Select type, produced by the famous Swedish grain breeding station, and brought to this country a few years ago. We are listing it instead of the old Swedish Select as it is giving so much better results. It is now perhaps the most popular variety throughout the Northwest, and has proved itself to be a wonderful yielder, with stiff straw, drought and rust resistant and medium early. In the past year or two many yields of seventy to one hundred bushels to the acre have been reported. The grain is exceedingly plump and heavy. Lb., 20c, postpaid; by express or freight, 10 lbs., 40c; bu., 80c; 100 lbs., \$2.50; lots of 10 bu. or more @ 75c.

SIXTY DAY OR KHERSON. This is the earliest oat grown and ripens before wild oats under usual conditions. It is especially recommended by agricultural authorities for the drier sections and has given unusually good results in western North Dakota and eastern Montana. Kernels small, hull very thin and yellowish white in color, of excellent feeding qualities and a good yielder for so early an oat. Lb., 20c, postpaid. By express or freight, 10 lbs., 35c; ½-bu., 50c; bu. 75c; 100 lbs., \$2.30; 10 bu., @ 70c.

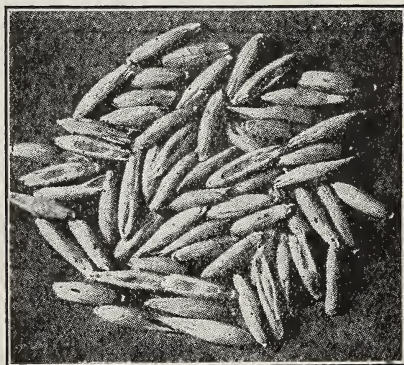
WHITE RUSSIAN. This is generally recognized as the best and heaviest yielding of the late oats. It produces well on heavy and well watered soils, elsewhere we do not recommend it. Has been very successful on the Missouri river bottoms. Under good conditions it is probably the very heaviest yielding oat there is. Owing to its lateness, however, it is especially hard to keep free from wild oats, and we cannot guarantee the seed to be absolutely free from that pest, though we clean it very carefully. Lb., postpaid, 25c. By express or freight, 10 lbs., 50c; ½-bu., 65c; bu., \$1.00; 100 lbs., \$3.00; 10 bu. @ 90c.



Victory Oats-Heads

EARLY MOUNTAIN NO. 2. Unfortunately we had bad luck with our contract field of this exceedingly valuable oat the past season. We have therefore only a very limited quantity to offer. It is a variety especially adapted to the Northwest, introduced by us and the best yielder through a long period of years of any sort. A white oat, very plump and heavy with thin hull, and heavy straw. A branching variety. Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; 1 bu., \$1.50. 100 lbs., \$4.60.

Clean Tested Seed Pays Big Dividends



Victory Oats-Grain

Pioneer Brand Seed Wheat

Prices Include Sacks

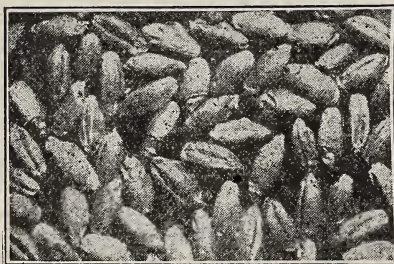
Prices Subject to Change. Write for Our Figures on Large Lots.
Sow one to one and one-half bushels per acre.



HARD SPRING WHEAT

KOTA SPRING WHEAT.—A Rust Resistant, Drought Resistant, High Yielding and Excellent Milling Hard Red Spring Wheat.

Kota has once again demonstrated its very great resistance to rust and has out-yielded the Marquis in many cases two to one. It is fully as resistant as the D1 and Acme durum and grades with Marquis in the markets. It makes an excellent flour, is a heavy yielder under good conditions and quite drought resistant. Kota is a bearded variety of the Preston type which has been developed at the North Dakota Experiment Station. Postpaid, 1 lb., 50c. By express or freight; 10 lbs., \$1.00; ½-bu., \$2.00; bu., \$3.50; 5 bu., or more @ \$3.40.



Kota Wheat

MARQUIS SPRING WHEAT.

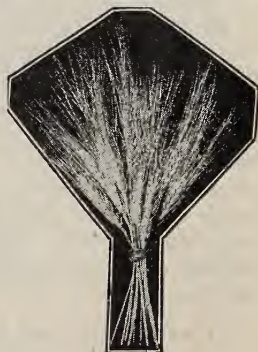
Except for the durums this seems to be the most generally satisfactory spring wheat for the Northwest. Early, productive and of the very best quality, it always brings the top price. Our seed is recently from pedigreed Canadian stock which means that it is pure. Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; ½-bu., \$1.25; bu., \$2.25. Ask for prices on large lots.

DURUMS

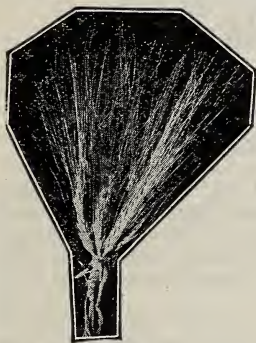
THE NEW RUST RESISTANT AMBER DURUM. D1 or Monad Wheat is perhaps the most valuable wheat introduction of recent years; while almost perfectly rust resistant it is also of the very best quality, grading No. 1 Amber. It is as well reasonably drought resistant. We consider ourselves fortunate in having secured a good supply of the D-1 which commands No. 1 Amber prices. We offer it as follows: 1 lb., postpaid, 30c. By express or freight, 10 lbs., 75c; ½-bu., \$1.25; bu., \$2.00.

ALGERIAN OR BLACK BEARDED DURUM. This is the very large kernel variety and we believe that our seed is the genuine Pelissier strain. It has proven perhaps the most drought resistant of any variety, and in the higher altitudes as in Montana, Wyoming and Colorado it has outyielded all other sorts. In marketing it grades as amber durum and often commands a premium as it is unusually handsome in appearance. Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; ½-bu., \$1.00; bu., \$1.90.

KUBANKA DURUM. This is the most rust resistant and productive of the ordinary types of durum wheat, produces grain of first quality amber durum and is very extensively grown, wherever the durums are used. Our seed is of the genuine, pure Kubanka variety. Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; bu., \$1.90.



D1 Durum



Speltz

Speltz or Emmer

Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels per acre

SEED SPELTZ. Speltz needs little praise as it is too well known to all our customers. The great drought crop, it is as well the most widely valuable of any grain we have. Excellent alike for horses, cattle, hogs or poultry, it is certainly a general purpose grain. Speltz as well as being so universally valuable is one of our surest drought resistant crops and in conjunction with corn will insure feed in the worst years. Good seed speltz is scarce. Per lb., 25c, postpaid. By express or freight, 10 lbs., 30c; bu. \$1.00; 100 lbs., \$2.50; 10 bu. lot @ 90c.

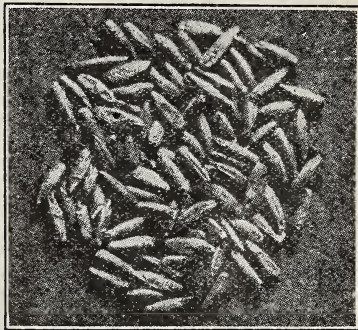
PIONEER BRAND SEED RYE

Sow 1 to $1\frac{1}{2}$ bushels per acre

NORTH DAKOTA GROWN SPRING SEED RYE.

Spring rye is one of our most valuable crops, and is available for a number of uses. On light, poor soil it is the only small grain crop that will produce profitably. Sown late in the season it makes an excellent hay crop, and it may also be sown and used as hog or sheep pasture, with very good success. Lb., 20c, postpaid. By express or freight, 10 lbs., 40c; $\frac{1}{2}$ -bu., 75c; bu., \$1.30; 100 lbs., \$2.25. Ask for prices on large lots.

We wish to call your attention here to our fall list which we issue shortly before the first of August. In this we list with descriptions the winter seed wheat, and Rosen and other winter rye that we have to offer. Do not forget to send for it next summer.



Spring Rye

PIONEER BRAND FIELD PEAS

Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels per acre.

Peas may be grown successfully on a variety of soils, but clay loam and soil well supplied with lime are best, peas also require a fairly moist soil. Even a heavy clay soil will raise good peas.

EARLY CANADA FIELD PEAS. Field peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or spring rye. Lb., 25c, postpaid. By express or freight, 10 lbs., \$1.00; $\frac{1}{2}$ -bu., \$2.50; bu., \$5.00; 100 lbs., \$8.00.



Canada Field Peas

WHITE MARROWFAT PEAS. Not only a heavy yielding field pea but a good green pea and much used for canning. Shorter than Early Canada, averaging about $3\frac{1}{2}$ ft. high, and somewhat later, it is a heavy yielder of ripe peas and the quality of them is better. It will stand more hardship in the way of drought, etc., than any other sorts. One lb., 25c postpaid; 10 lbs., 90c; $\frac{1}{2}$ -bu., \$2.75; bu., \$5.25; 100 lbs., \$8.50.

Pioneer Brand Seed Flax

Flax prices are subject to change, both up and down. If you wish a quantity, write for prices.

Prices Include Sacks.

Sow $\frac{1}{4}$ to $\frac{1}{2}$ bushels per acre.

WILT RESISTANT SEED FLAX, THE ONLY KIND SAFE TO PLANT ON OLD GROUND. Most of these varieties were developed at the North Dakota Experiment Station, and they have proved by many trials that they will produce a crop on old ground where the common sorts are practically destroyed by wilt.

There are several varieties of resistant flax which seem about equally valuable and which are equally popular. The best are N. D. No. 52 N. D. No. 73, N. D. No. 114 and Premost or Minn. No. 25. We expect to be able to furnish at least one of these varieties and perhaps all of them during the coming season. In ordering state

whether you will take any one of the three or want only the special kind ordered. 1 lb., postpaid, 30c. By express or freight, 10 lbs., \$1.00; $\frac{1}{2}$ -bu., \$2.50; bu., \$4.00. Ask for prices on large lots.

CHOICE CLEAN SEED FLAX. While we do not like to give up time and space for handling the common flax, yet the demand has been so urgent that we have planned once more to carry a limited supply of good quality seed. Samples sent on request and prices quoted. Present prices: 10 lbs. \$1.00; $\frac{1}{2}$ -bu., \$2.00; bu., \$3.75.

Pioneer Brand Buckwheat

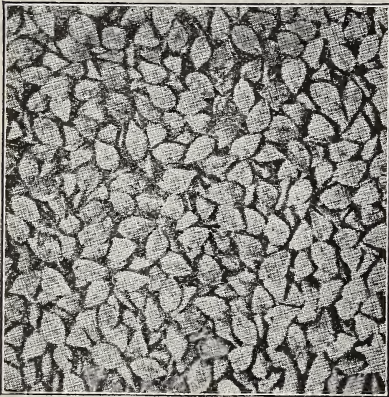
Sow $\frac{1}{2}$ to 1 bushel per acre.

Buckwheat is becoming more popular every year in the Northwest. May be sown as late as July first and mature a crop; does well on light soils, an excellent crop to smother weeds, and always a marketable grain.

JAPANESE. The Japanese buckwheat is the largest seeded variety grown, as well as the hardiest. It is a week earlier than the other sorts, stands up and produces a crop on poorer soil and is of good milling quality. We therefore consider it well suited to our climate even though the yield under the best conditions may fall a little short of the later sorts. Lb., 20c, postpaid. By express or freight, 10 lbs., 75c; 25 lbs., \$1.25; 100 lbs., \$4.50.

SILVER HULL. This is the later heavier yielding variety which is common in the east, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little

appreciated by most poultry raisers. 75c; 25 lbs., \$1.25; 100 lbs., \$4.50.



Buckwheat

I received your catalog some time ago, and was showing it to one of my neighbors, Mr. and Mrs. Hoffman, and I was telling them that your garden and other seeds have given me more satisfaction than any other firm—so we are sending together for some things.

Mrs. M. C. Pearson,
Myrtle, Ida. 3595

Will's Pioneer Brand Grass Seed



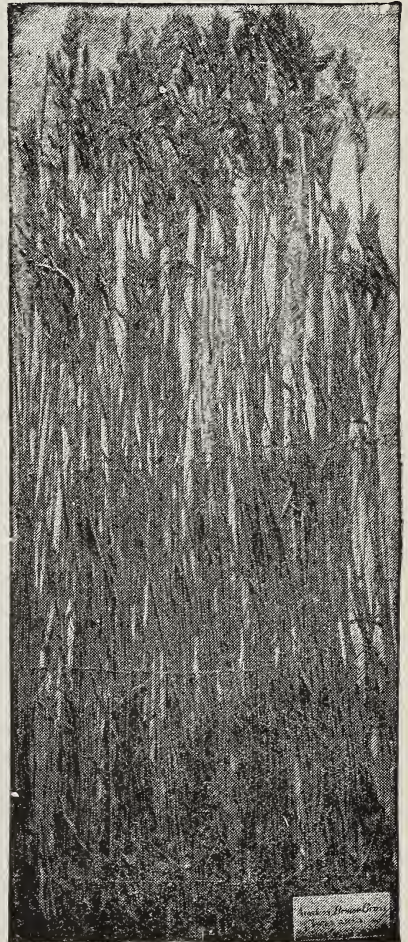
WESTERN RYE or SLENDER WHEAT GRASS. The best hay grass for the Northwest, the best dry land lawn grass, hardy, drought resistant, of good quality, a native variety. This grass is being increasingly grown in the Northwest and wherever tried gives the greatest satisfaction. In Canada it is already recognized as one of the most important features of their agriculture. It is not as rank a grower as brome grass but is relished more by stock. Does not suffer from close pasturing and makes an excellent hay. We have demonstrated by experiment during the past several years that it is the best grass to use for lawn purposes under severe conditions and where water is not available. It stands cutting better than the brome grass, and looks much better on account of its finer foliage. Postpaid, 1 lb., 30c; 5 lbs., \$1.20; by express or freight, 15 lbs., \$2.00; 50 lbs., \$5.50; 100 lbs., \$10.00.

BROME GRASS, Austrian or Russian, Bromus inermis. Brome Grass which has come to be the most important tame grass for Northwestern conditions, is once more fairly plentiful and consequently much cheaper. It is an exceedingly valuable pasture grass especially for early spring and late fall, but produces only a rather poor quality of hay. For hardness and general resistance to severe conditions it is unequalled. Is a good producer of turf and valuable on sandy soils as it roots deeply and binds loose soils together. A very large percentage of brome grass seed contains also seeds of the noxious quack grass. Such seed is not permitted to be sold in North Dakota by state dealers over whom our State Seed Commissioner has control, but may be shipped in by outside dealers. We urge therefore, that you buy brome grass seed from reputable seedmen within the state, whose seed has been inspected and passed on in the State Seed Laboratory. We confine ourselves to the North Dakota grown product, which is heavier and germinates a greater percentage than any other we have ever tested. The seed we offer is thoroughly matured and dry. Sow 7 to 15 lbs. per acre. **Lb., 35c, postpaid. By express or freight, 1 lb., 25c; 15 lbs., \$2.00; 100 lbs., \$11.00.**

KENTUCKY BLUE GRASS. We handle nothing but the fancy, clean seed, the very best procurable, without regard to cost. Blue Grass is not valuable as a hay crop but makes good pasturage. It will stand considerable hardship, but should not be sown on high rolling prairie land in the Dakotas, as in such localities it is liable to be damaged in case the soil freezes up dry in the fall. Sow 20 pounds per acre. **1 lb., 60c, postpaid. By express or freight, 1 lb., 45c; 10 lbs., \$4.00; 100 lbs., \$35.00.**

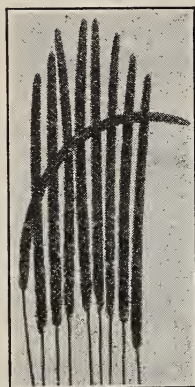
Have used your seeds the last 5 years and must say that they are the choicest and best adapted seeds for the high altitudes of Montana that I have ever used.

E. R. Betzel,
Calkins, Mont. 4988.



Austrian Brome Grass

Will's Pioneer Brand Grass Seed



Timothy

purposes. This grass roots deeply and therefore withstands drought and heat exceptionally well. It also withstands severe cold very well. Also useful for a hay producer, growing to the height of three feet, and possessing very nutritious qualities. Sow 15 to 20 pounds per acre. 1 lb., 35c, postpaid. By express or freight, 10 lbs., \$2.00; 100 lbs., \$15.00.

PIONEER BRAND TIMOTHY SEED. We offer only North Dakota grown timothy seed which is from acclimated fields. Timothy is the best known and most extensively grown tame grass in the country. It is a hardy grass so far as standing the winters, but does not do well in a dry year or on poor soil. For rich, well watered land no grass can equal it, elsewhere we do not recommend it for the Northwest. 1 lb., 25c, postpaid. By express or freight, 1 lb., 20c; 10 lbs., \$1.25; bu., of 45 lbs., \$5.00; 100 lbs., \$10.00.

RED TOP OR HERD'S GRASS. Useful in the Northwest principally for seeding low moist spots, slough beds, basins, and any place where the water may stand at times. It is hardy in such places and will even grow where there is some alkali present. An excellent pasture grass as well as a hay producer. We handle only the fancy solid seed, of which only 4 to 5 pounds are required to the acre. 1 lb., 45c, postpaid. By express or freight, 1 lb., 35c; 10 lbs., \$2.50; 100 lbs., \$22.00.

MEADOW FESCUE OR ENGLISH BLUE GRASS. This grass, while not as valuable as Bromus and Western Rye, is one of the hardiest grasses for the Northwest. It is an excellent permanent pasture grass, and the quality of the grass is high for feed

INOCULANTS FOR ALL LEGUMES

Do not plant alfalfa, sweet clovers, other clovers or any other legume without inoculating your soil. It is a waste of seed.

The bacteria inoculant is necessary both to make the plant thrive and to make it increase the nitrogen content of the soil.

NITRAGIN INOCULANT. We have taken on the Nitragin brand as it comes with unusually high recommendations and yet is reasonably and conveniently priced.



Specify which of the following seven cultures you wish; A, for alfalfa and sweet clover; B, for all other clovers; C, for all varieties of peas, sweet peas, vetches and lentils; D, for all sorts of field and garden beans; E, for cow peas, lima beans, velvet beans, and peanuts; S, for all varieties of soy beans; Garden size, a special package for the small garden and covering garden beans, garden peas, sweet peas and lima beans. Comes in non-breakable cans. Garden size, 20c each; 25c, postpaid; one fourth bu. size, 40c each; 50c, postpaid; one half bu. size 60c; 70c, postpaid; 1 bu. size, \$1.00; postpaid, \$1.25; 5 bu. size, \$4.75; \$5.25, postpaid.

We have recently come from North Dakota where we used your seeds and feel like there is none as good.

Mrs. Stenna O. Bach,
Olympia, Wash. 8006.

Alfalfa and Clover Seed

FOR THE NORTHWEST

We have this season secured a good supply of North Dakota grown alfalfa and sweet clover seed, and we are offering only medium red clover grown in the state as well. The cheapest clover and alfalfa is dearest in the end and we make it a policy to handle only the better grades.

We have an Ames Scarifying machine in our warehouse, through which we run our alfalfa and clover seed. This adds to our expense in handling the seed, but increases the germination by from ten to thirty, or even forty per cent in some cases.

With the exception of postpaid prices on small lots we do not guarantee prices here quoted for any length of time, as they are subject to change without notice. Therefore, unless your order states plainly not to ship except at list prices we will execute the order at the best possible price, whether higher or lower—if higher, we will send value of remittance. If lower, will send your money's worth.

PIONEER BRAND ALFALFA SEED
 Alfalfa Prices Subject to Change Without Notice
 Sow 4 to 7 pounds per acre.



NORTH DAKOTA GRIMM ALFALFA. The hardiest of all strains of Grimm. Recently Grimm from Idaho and other mild climates has been offered at lower prices than our hardy sorts but we feel that it is not tested by the same severe conditions as the hardy, dry land grown sorts from the northwest and we advise our customers to stick to the tested strains. Our seed is sent out under lot numbers and if customers will observe the lot figure we can always furnish them with detailed pedigree. **Lb., 60c, postpaid. By express or freight, 10 lbs., \$5.00; 100 lbs., \$45.00.**

COSSACK ALFALFA. This is an exceptionally hardy variety brought from Siberia by Professor Hansen. It is a good yielder as well as being very cold and drought resistant. Very similar to the Grimm in all respects so far as is shown by our many years of trial. We are informed by ranchers of the Little Missouri Bad Lands that the Cossack is preferable to Grimm and a better yielder on the heavy clay or gumbo of that region. **Lb. 75c, postpaid. By express or freight; 10 lbs., \$6.00; 100 lbs., \$50.00.**

HARDY LISCOMB ALFALFA. This is one of the extra hardy variegated blossom sorts which has proven exceedingly hardy and drought resistant in the drier sections of Montana. It has also given excellent results in our section. **Lb., 50c, postpaid. By express or freight, 1 lb., 40c; 10 lbs., \$3.25; 100 lbs., \$30.00.**

NORTH DAKOTA ALFALFA. We wish to call especial attention this year to our North Dakota grown, scarified alfalfa seed. While not of a pedigree strain this seed comes from the western part of the state where the fields from which it was raised have been subjected to the most severe weather conditions for a period of five or more years. **1 lb., 50c, postpaid. By express or freight, 1 lb., 40c; 10 lbs., 3.00; 100 lbs., \$28.00.**

MONTANA ALFALFA. Under this head we classify non-irrigated or "dry-land" alfalfa seed of high quality either from Eastern Montana or Northwestern South Dakota where the climate is fully as severe. **1 lb., 50c, postpaid. By express or freight, 1 lb., 35c; 10 lbs., \$2.75; 100 lbs., \$26.00.**



North Dakota Alfalfa

Sweet Clover

THE GREAT DRY LAND PASTURE AND HAY CROP.

Sweet clover is the hardiest and most drought resistant of all the members of the clover and alfalfa family, and is coming every year to play a more important part in the agriculture of the Northwest. Not only is it an extremely prolific source of hay and pasture, but it is also a soil builder of great value. The white and yellow are biennial plants, producing only a small crop of hay or pasture the first year and a good crop of hay and a seed crop or two crops of hay the second year. The Hubam variety is an annual that seeds the first year and dies. Sweet clover will take the place in the Northwest of the medium red further east. Sow 10 lbs. per acre with or without a nurse crop. A thin nurse crop seems to be the most popular method.



Field of Yellow Blossom Sweet Clover

makes better hay. It may be cut close to the ground with the white cannot. 1 lb., 25c, postpaid. By express or freight, 10 lbs., \$1.80; 100 lbs., \$16.00.

HUBAM OR ANNUAL WHITE SWEET CLOVER. This is the variety about which so much has been written and said in the past year or two. We gave it a try-out on our own land the past season, and found it to be just as described. It attained a growth of from five to six feet and made a good crop of seed. Price; 50c per lb., postpaid. By express or freight, 1 lb., 40c; 10 lbs., \$2.50; 100 lbs., \$22.00.

SWEET CLOVER, White Blossom.

This is the hardiest clover known. Thrives in sand, gumbo and alkali, under very dry or very wet conditions. Will make an excellent pasture for either hogs or cattle. Prepares the soil for alfalfa. Gives early spring and late fall pasture and is safer than alfalfa for cattle. Is not as good as the yellow for hay, but better for pasture. Cut early and high for hay. 1 lb., 25c, postpaid. By express or freight, 10 lbs., \$1.75; 100 lbs., \$16.00.

SWEET CLOVER, Yellow Blossom.

This is a finer foliage, lower growing variety than the white blossom and

Pioneer Brand Clover Seed

In event prices change we shall send value unless otherwise instructed.

Sow 6 to 10 pounds per acre. Prices Include Sacks.

ALSIKE OR SWEDISH CLOVER. This clover is hardy and cold resistant, and is a very valuable pasture plant. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. 1 lb., 40c, postpaid. By express or freight, 1 lb., 30c; 10 lbs., \$2.75; 100 lbs., \$24.00.



Alsike Clover

WILL'S NORTH DAKOTA GROWN MEDIUM RED CLOVER. While we have hesitated about advocating the Medium Red Clover for North Dakota, yet there are unquestionably a great many localities in this state and eastern Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. Can be cut twice in a season for hay, and in meanwhile adds to the fertility of the soil. Be sure and get our extra hardy and vigorous North Dakota grown seed. 1 lb., 45c, postpaid. By express or freight, 10 lbs., \$3.25; 100 lbs., \$30.00.

MAMMOTH RED CLOVER. This is similar to the medium Red but a heavier and ranker grower, an exceptionally valuable clover for pasture purposes. North Dakota Grown seed. 1 lb., 45c; postpaid. By express or freight, 10 lbs., \$3.25; 100 lbs., \$30.00.

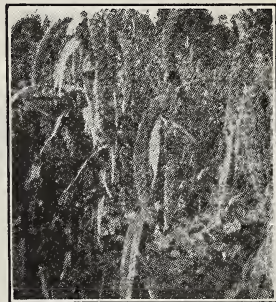
WHITE DUTCH OR LAWN CLOVER. White clover is a hardy, low growing, perennial variety that is used in some sections for pasture, and is universally used for lawns, either alone or in combination with grasses. 1 lb., 90c, postpaid. By express or freight, 5 lbs., \$3.50; 10 lbs., or more @ 65c.

GET OUR FREE BOOKLET ON SWEET CLOVER IF INTERESTED

Will's Pioneer Brand Millet Seed

Millet prices include sacks, and are subject to market changes without notice. Write for prices on large lots. Sow 15 to 30 pounds per acre. In case of price advances or reductions, value will be sent. Get Our Special Price List.

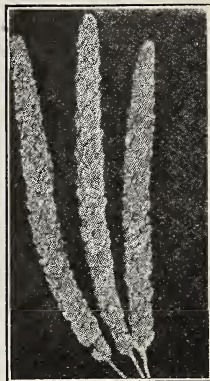
SIBERIAN MILLET. This variety is the most planted of the extra hardy sorts. It is more drought resistant than the German and produces a finer quality of hay, although it is slightly out-yielded by the German under favorable conditions. It does not degenerate from being planted in the north as does the German and therefore northern grown seed is fully the equal of the southern. The seed is mostly red with some lighter mixture. We have both northern and southern grown stocks. Lb., 20c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs., \$2.00; 100 lbs., \$3.75.



Siberian Millet

WHITE WONDER MILLET. The White Wonder has come to be recognized as one of the very best hay millets for the Northwest. It is drought resistant with heavy foliage and broad leaves, producing an immense amount of excellent fodder. Its growth is very vigorous and in spite of its earliness it is one of the very heaviest yielding varieties. Due to its rapid growth it is a fine crop for smothering weeds on foul land. 1 lb., 25c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs., \$2.25; 100 lbs., \$4.00.

SOUTHERN GROWN GERMAN OF GOLDEN MILLET. German Millet is a hot climate plant and grows to greatest perfection pretty well south. What we want in the northwest is a stock of the southern product grown in southern Nebraska, southern Iowa, northern Kansas, northern Missouri, Illinois or Indiana. If the seed is grown farther south than these localities the growth will be rank and coarse like small corn stalks, and will not come near enough to maturity before killing frost to head out or contain anything but water and very little dry matter. When seed from the proper section is planted it is a wonderful producer of excellent hay. Our stock is grown in the right locality. By express or freight, 10 lbs., 75c; 50 lbs., \$2.25; 100 lbs., \$4.00.



HUNGARIAN MILLET. This is one of the very best and most productive varieties for northern growers. It is so valuable for hay that little has been saved for seed in the past few years. We have a good supply this season. Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs., \$4.25.

JAPANESE MILLET. This variety is of a different family from the others. It does best on heavy, moist soil where it will usually produce two cuttings or a great amount of pasture. Is better for horses than the ordinary sorts. Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs., \$4.50.

White Wonder

PROSO TYPE MILLETS

EARLY FORTUNE OR RED PROSO. This red form of the proso or hog millet type is in especial favor for mixture in poultry foods and many tons are imported every year for that purpose. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting. Lb., 20c, postpaid. By express or freight, 10 lbs., 50c; 50 lbs., \$2.00; 100 lbs., \$3.50.

BROOM CORN OR HOG MILLET. This is the most common of the millets grown for seed production. The seed is an excellent feed for hogs, cattle and poultry. It is said to be very good also as a breakfast food for human consumption. The seed has very high food value. A great drought resister. Color whitish yellow. Postpaid, lb., 20c; by express or freight, 10 lbs., 50c; 50 lbs., \$2.00; 100 lbs., \$3.50.



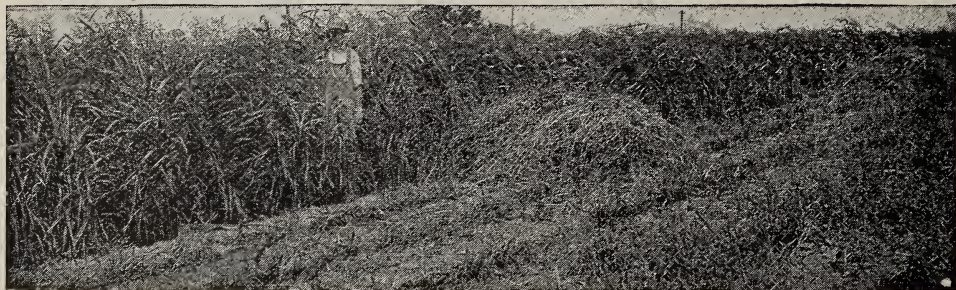
Early Fortune

Sorghums

Prices Include Sacks and are subject to change. Write for Special Prices on Large Lots.

The Sorghums are coming more and more to occupy an important place in the agriculture of the Northwest as diversified farming increases. Being extremely drought resistant as well as very heavy yielders they are among the very best crops for the whole section, and no better feed for dairy cows or beef stock can be grown.

Do not plant Sorghums before June.



FIRST CUTTING OF SUDAN

SUDAN GRASS. The greatest annual Hay crop. This wonderful forage crop hardly requires much description. It is an annual crop which should be sown after June first and which will produce from two to three cuttings of hay and a quantity of pasture in the driest of years, providing there is enough rain to make it come up. Equally valuable for cattle and horses, it has none of the ill effects of millet and produces much more of a crop. If planted too early it becomes stunted and dwarfed; this agrees with reports from the Alberta Experiment Station. On poor, or dry soil sow in drills like fodder corn and cultivate, elsewhere it may be drilled in or broadcasted as you would sow millet only rather thinner. 4 to 6 lbs. is sufficient per acre by the first method; when sown thicker use 16 to 24 lbs. **Lb., 30c, postpaid. By express or freight, 5 lbs., 75c; 50 lbs., \$5.50; 100 lbs., \$10.00.**

EARLY AMBER CANE. This is the earliest maturing variety of Cane and the one usually raised in the North, both for fodder and syrup. Ripens in 90 to 100 days. Cane may be broadcasted, or planted in drills 3 feet apart and cultivated. In the first case sow about 50 pounds per acre; in the row method sow 6 to 10 pounds per acre. Cane is a heavy producer of valuable feed, a good silo filler, and very drought resistant. **Lb., 20c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs., \$2.25; 100 lbs., \$4.00.**

DAKOTA AMBER CANE. The best sort for syrup making in the north. This is seed of the amber variety which has been raised in one of the Dakotas or Minnesota, and which is perhaps a trifle earlier than the southern grown, and not quite so tall. **1 lb., 25c, postpaid. By express or freight, 10 lbs., \$1.00; 50 lbs., \$2.50; 100 lbs., \$4.50.**

FETERITA. This is a sorghum of recent introduction and is the most drought resistant forage plant we have. It belongs to the non-saccharine type of the sorghums and is related closely to Kaffir Corn, but is fully three weeks earlier. Drought cannot kill it, as it only suspends growth until moisture comes again. It may be cut for hay, pastured, or cut for grain, and it is early enough to often mature grain even in the Northwest. The grain has a high food value for both man and beast. The fodder is excellent, either green or cured, and it is very good silage. **1 lb., 20c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs., \$2.25; 100 lbs., \$4.00.**



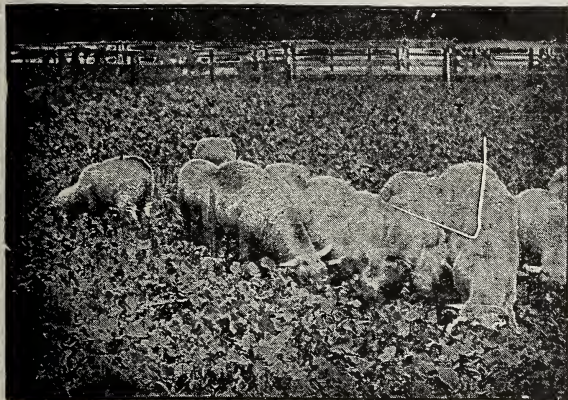
Feterita Head



Amber Cane Head

Sunflower Seed

The sunflower has again made good as a silage crop during the past season, standing the drought very well in comparison with corn and making an excellent yield where conditions were favorable. We do not believe that it is quite the equal of corn when the dry weather comes in August. Sunflower has yielded as high as 12 tons per acre in Western North Dakota, and has proven a very high grade feed for stock. Is not injured by light frosts and should be planted early for best results. Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50; 25 lbs., \$3.00; 50 lbs., \$5.50; 100 lbs., \$10.00.



Dwarf Essex Rape—Sheep Pasture

as well as for silo filling. Thrives best in low moist soil such as slough, lake bed or a coulee bottom. In such places it will produce a tremendous quantity of feed, growing out as fast as it is eaten off. We are glad to report that the price has dropped considerably. Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50; 50 lbs., \$6.50; 100 lbs., \$12.00.

RAPE

DWARF ESSEX RAPE.

This plant, which is related to the rutabaga family is one of the very best forage plants for pasturing cattle, hogs, or sheep,

SOY OR SOJA BEANS

EXTRA EARLY NORTH DAKOTA GROWN.

Soy beans are becoming more and more popular in the Northwest as their value is demonstrated, and it would seem that they are a useful crop wherever in our section the early dent corn will mature. They are valuable in many ways, making a tremendously nutritious hay if cut green, very valuable as a soiling crop owing to the fact that even more than some legumes they increase the nitrogen content of the soil, and the ripe peas are a very high grade feed for man as well as any variety of stock. They do unusually well on light and sandy soils, and the hay produced is equal in value to alfalfa hay. Be sure and plant the early varieties such as we carry in the Northwest. Price, 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; 50 lbs., \$4.50; 100 lbs., \$8.00.



Soy Beans

COW PEAS

WHIP-POOR-WILL.

This is a soil enriching legume about which too little is known in the Northwest. The Whip-Poor-Will is an early variety maturing in about 90 days. Cow Peas, ripe, are valuable either as human food or food for stock. The vines make the finest kind of hay green, and are eaten by stock; are an excellent silo filler, and may be pastured by hogs or cattle. Do not plant until the ground is warm. For pasture, hay or soiling, broadcast or drill with a grain drill at the rate of one bushel per acre. For seed sow in rows 36 inches apart and cultivate. 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.25; 50 lbs., \$5.00; 100 lbs., \$8.00.

PEANUTS

SPANISH. Earliest variety grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. Pkt., 10c; 1/4-lb., 15c; 1/2-lb., 25c; 1 lb., 35c, postpaid. By express, 1 lb., 30c; 5 lbs., \$1.10.

MAMMOTH VIRGINIA. The most prolific variety to grow, and more desirable than the common spreading kind, because more easily cultivated. It has very erect stems and upright foliage, and the largest pods and kernels of any variety. Sow in drills four feet apart, placing the nuts six inches apart. Pkt., 10c; 1/4-lb., 15c; 1/2-lb., 25c; 1 lb., 40c, postpaid. By express or freight, 1 lb., 35c; 5 lbs., \$1.50.

Green House Department

It is our constant aim to give better values and a larger assortment of plants and cut flowers each year. For the home or for gifts or hospital use nothing equals flowers and **Will's Quality Flowers and Plants** are sure to please you. We have a fine selection of seasonable cut flowers at all times. We offer the services of an experienced designer in making up bouquets for weddings, funeral designs, etc., and who will be glad to advise you free of charge on floral decorations of all sorts.

We make immediate deliveries to the **Bismarck and Mandan Hospitals** and deliveries within twenty four hours to any point in the United States or Canada through our membership in the **Florists Telegraph Delivery Association**. Orders are sent by wire or fast mail to our member nearest where you wish the flowers delivered and the only extra charge is for the telegram, if sent by wire. This service is guaranteed by the 3000 members of this organization.

All plants and flowers are priced for shipment at the purchaser's expense and risk, unless otherwise distinctly stated. Please note that we give a postpaid price for any article **which may be sent by mail** and if you desire parcel post shipment kindly remit at that rate. We suggest express shipments wherever possible, as plants shipped by parcel post cannot be insured and are sometimes delayed in delivery.

Blooming plants and ferns shipped during the winter or Easter season, will go forward in pots. Late spring shipments will be regarded as intended for bedding purposes, and with the exception of Boston, *Harrisonii* and *Verona* ferns, all plants growing in pots of under six inches in diameter will be shipped out of pots.

FERNS

The sale of our Ferns increases every year, as more of our customers come to realize that they are about the most satisfactory foliage plant to grow and that our Ferns are the best that the market affords. We ship ferns at all seasons of the year.

Prices. By express, 3 inch. 40c; 4 inch. 75c; 5 inch. \$1.50; 7 inch. \$2.50; 9 inch. \$4.00. Postpaid prices, 3 inch. 50c; 4 inch. 95c; 5 inch. \$1.75. Please note in the description of each Fern the sizes in which we can furnish that variety.



Boston Fern

BOSTON—(Sword Fern)—Very attractive and extremely easy to grow. The largest seller of all ornamental plants. Can be furnished in all sizes but 3 inch.

HARRISONII. A handsome created type of fern, more compact than the Boston. Offered in all sizes except 3 inch.

VERONA. A new crested fern, with finer leaves and still more compact than the *Harrisonii*. Very lovely. Four and five inch sizes only.

ASPARAGUS PLUMOSUS NANUS. (The Lace Fern). Bushy plants with lacelike foliage and drooping fronds. Thrives in the ordinary living room temperature. Fine for jardinières and much used as center plants in groups. Three and four inch size only.

ASPARAGUS SPRENGERI. (The Feather Fern). Has long sprays of feathery foliage. Largely used for hanging baskets and vases and is the best fern for window box plantings outdoors. Three and four inch sizes only.

PALMS. (Kentia Belmoreana). This type has been found to be the best for indoor use, as it is extremely easy to grow and keeps its dark green color in fine shape. An ornament in any home or conservatory. In four inch pots \$2.00 each; by mail \$2.35. Five inch \$3.00 each; by mail \$3.50.



WILL'S ASTER PLANTS

are the finest that money can buy. Grown from the best seed obtainable. Strong plants. Immense blooms of pink, white, lavender and purple. 50c per dozen. Postpaid 65c per dozen.

House Plants



Cineraria Grandiflora

CYCLAMEN. We offer only the new Giganteum Strain of this popular flower, which is always the big favorite at Christmas. Flowers white, pink, salmon and red and shaped somewhat like a Bleeding Heart are born carried above the heavy dense leaves which are beautifully marked with white tracings. Price \$1.25 and \$2.00. Postpaid \$1.50 and \$2.30.

FUSCHIA. One of the best house plants and does well outdoors in any protected north shady location. Glossy green leaves and beautiful pendant blossoms of pink with white, pink, and blue centers. 60c each. Postpaid 75c each.

IMPATIENS—Sultani. Practically an ever-blooming plant for house use and is one of the few plants for outdoor growing which prefers a shady location. Glossy green foliage and bright red flowers. 75c each. Postpaid 90c each.

PELARGONIUM (Improved Martha Washington Geranium). A popular spring blooming house plant and one which does nicely as a bedding plant also. We have both the red and lavender types which have black blotches on the petals. 60 ea., postpaid 75c ea.

PRIMROSE—Obconica Gigantea. This favorite everbloomer is about as satisfactory a plant as is grown today, as is shown by the numbers we sell. White, pink and lavender. 75c and \$1.25 ea. Postpaid 90c and \$1.45 ea.

VINES FOR HANGING BASKETS, WINDOW BOXES, ETC.

VINCA—Green. A handsome trailing vine, splendid for window boxes and vases. Glossy green leaves.

Variegated. Same type of vine with green and white variegated leaves. 30c ea., \$3.00 per dozen. Postpaid 40c each.

MADEIRA VINES. A rapid climber with dark green leaves and fragrant white blossoms. Excellent as a porch screen or for window boxes. 30c ea., \$3.00 per dozen. Postpaid 49c each. **LARGE DRY BULBS** at 15c ea., \$1.50 per dozen, postpaid.

THE FOLLOWING are priced at 25c each, \$2.50 per dozen. Postpaid, 35c each.

ENGLISH IVY. A very showy vine with large dark green leaves. Much used for both indoor and outdoor planting.

GERMAN or PARLOR IVY. A rapid growing vine with bright green foliage. Very useful for hanging baskets and vases.

WANDERING JEW (Tradescantia)—Green and variegated green and red. We offer both types of this very fast growing vine. Please specify which you wish when ordering.

FILLED HANGING BASKETS

Moss lined baskets containing Ferns, Geraniums, Vines, etc of our selection. A special value in plants. \$2.00 to \$5.00 each. **EMPTY BASKET FRAMES**, 65c each, postpaid.



Obconica Primrose

AMARYLLIS HYBRIDS. Bulbs only. Offered in our Fall list out Aug. 15th. Send for copy.

EVERBLOOMING BEGONIAS. Excellent for growing in the house and also widely used for bedding purposes. The Rex Begonia is grown for the beauty of its leaves, the blossoms being small.

—GRACILIS LUMINOSA. Foliage a lustrous green, tinged reddish brown while the fiery dark scarlet flowers are borne in profusion. Strong plants 40c each, \$4.00 per dozen. Postpaid 55c each.

—PRIMA DONNA. A showy rose-pink in color. Graceful dark green leaves. 40c each, \$4.00 per dozen. Postpaid 55c each.

—REX (Painted Leaf) A specialty of ours. Immense shaggy leaves of reddish-green with wonderful coloring. Price 75c each. Postpaid 90c each.

CALLA LILY. Of marvelous beauty, the flowers are rich, pure white and often five inches across. The beauty of the foliage with the splendor of the flowers presents a striking appearance. In 4-inch pots \$1.00; 6 inch, \$1.50. Postpaid \$1.25 and \$1.80 each.

Dry calla bulbs should be planted in September and are offered in our Fall list issued August 15th. Send for a copy.

CHRYSANTHEMUM. The finest flower in its season. See our Fall list.

CINERARIA. (See cut). All colors except the yellow shades and including some wonderful bi-color sorts. Makes a compact growth of large leaves with a showy truss of beautiful bloom across the top of the plant. No other greenhouse plant compares with it in its season. Blooming season Jan. 1 to March 20th. \$1.00 and \$1.50 each. Postpaid, \$1.25 and \$1.80 each.

Bedding Plants



Will's Geraniums

HELEN MITCHELL. A brilliant scarlet sort of great merit. Splendid for bedding.

BEAUTE POITEVINE. Lovely salmon pink blooms. Strong green leaves marked with reddish brown. Very free bloomer.

ROSE SCENTED—Skeleton leaved. Bears quantities of small pink blooms. Widely used for flavoring jellies, etc.

S. A. NUTT. The king of bedding geraniums. Deep red flowers.

IVY GERANIUMS. A full trailing sort with bright green leaves and rose pink bloom.

MADAME SALLEROL. A splendid foliage geranium with variegated white and silver green leaves. Fine for borders, etc. Can be furnished in the three inch size only.

THE FOLLOWING BEDDING PLANTS ARE PRICED AT 35c ea., \$3.50 per dozen. Postpaid, 45c ea., \$4.50 per dozen.

CANNAS. From 4 inch pots. For list of varieties see top of page 77.

DAISY—Marguerite (single). Mrs. Sander (double). The best white sorts. These are continuous bloomers well adapted for both bedding and cut flower purposes.

HELIOTROPE. One of the best-beloved flowers, both for bedding and used as a house plant. Light green leaves with a profusion of lavender flowers of exquisite fragrance.

LANTANA—Weeping. A favorite for hanging baskets and similar plantings. Trailing branches and lavender pink flowers.

LANTANA—Dwarf. A beautiful border or edging plant. Mixed colors ranging from yellow and orange to red.

PETUNIA—Prize Double. Stocky, well grown plants. White, red and purple mixtures.

SALVIA—Scarlet Sage. We grow the improved. "America" strain which has brilliant scarlet spikes borne in profusion above the abundant dark green foliage. Blooms late in the season.

THE FOLLOWING BEDDING PLANTS ARE PRICED AT 15c each, \$1.50 per dozen. Postpaid 25c ea., \$2.00 per dozen.

ACHYRANTHES. A foliage plant with red stalks and leaves. Very attractive and stronger than Coleus for windy locations.

ANTIRRHINUM (Snapdragon). Large spikes of lovely blooms are produced in great quantities. Excellent for bedding or as a cut flower. White, pink, yellow and red.

COLEUS. The favorite foliage plant for bedding. Strong plants in yellow, red and variegated. Also Trailing Queen, a trailing variegated leaved sort much used for edgings, basket planting, etc.

CALENDULA—Orange King. The name describes this new type of Calendula. Blossoms all summer long.

DUSTY MILLER. Fern-like silvery foliage. A compact grower. Very fine for borders.

LOBELIA—Compact. Blooms very freely. Dark blue flowers and small bright green leaves. Cannot be surpassed as a border plant.

LOBELIA—Trailing. Same color as the above, but being of trailing habit it is much used for window boxes, Jardinières, etc.

PETUNIA—Single. Attractive bedding and window box plants. Colors Frilled Pink, white, blue and mixed Giants of California and Rosy Morn, the standard pink for window boxes.

VERBENA. One of the most effective and satisfactory of bedding plants, both for borders and solid beds. Colors red, blue and white.

FEVERFEW. A vigorous strong growing plant, bearing clusters of snow white flowers. Much used for cemeteries.

WILL'S FAMOUS ASTER PLANTS. No garden is complete without Asters and setting out a few of our stocky plants is the easiest and surest way to have them. See our Special Offer on Page 74.

OUR SUPERB PANSY PLANTS. Grown from \$10.00 an ounce seed. We spare no expense to have the best Pansy plants offered anywhere. A splendid selection of gorgeous colors. Try a dozen this spring. Price 60c per dozen, \$4.50 per 100. Postpaid 75c per dozen.

GERANIUMS

We list the same varieties of this popular plant that we did last year, as we have found them to be the best sorts for both outdoor and indoor use. For large beds and borders use one color only to obtain the best color effect. From 3 inch pots 25c ea., \$2.50 per dozen. Postpaid 35c ea., \$3.50 per dozen. Four inch size 40c ea., \$3.50 per dozen. Postpaid 50c ea., \$5.00 per dozen.

MADAME BUCHNER. The best of the white varieties. Grows very well and is a free bloomer.



Cactus Type Dahlia

WYOMING. 5-6 ft. Large orange colored orchid flowers. Purple bronze foliage.

DAHLIAS

This greatest of outdoor plants cannot be surpassed for backgrounds or for garden and wall plantings. The bulbs may be kept over from year to year, thus making the Dahlia very inexpensive to grow. We list Dormant roots only.

NEW AND RARE VARIETIES. 40c ea., 6 for \$2.00; 12 for \$3.50, postpaid. (Assorted as you desire.)

W. B. CHILDS (Hybrid Cactus). A wonderful introduction and sure to please. Extra large flowers of dark purple-maroon.

MRS. HARTING. (Decorative). Beautiful deep orange flowers tipped with white. Exceptional size and quality.

FRANK WALKER. (Decorative). A charming shade of lavender pink. Splendid for both garden decoration and cut flowers.

THE FOLLOWING VARIETIES 30c ea., 6 for \$1.50; 12 for \$2.50, all postpaid. (Assorted as desired).

ACHIEVEMENT. (Collarette). This new sort is the largest collar-ette dahlia in existence. Velvety maroon overlaid with snowy white.

CLIFFORD W. BURTON. (Decorative). Immense canary yellow. **LIBELLE. (Cactus).** A striking variety with wine colored flowers.

A. D. LIVONA. (Show). Beautiful soft pink with quilled petals.

OSCEOLA. (Peony type). Long Stemmed blooms of bright carmine with a golden ring at the center.

PRINCESS JULIANA. (Decorative). Clear white, very popular.

CAPITAL DAHLIA MIXTURE. We know of no better plant value than this, our fastest selling collection. Made up of choice named varieties, including all types and colors. Try a dozen this season. 6 for 90c; 12 for \$1.50.

GLADIOLI

Remarkable improvements in color and size of bloom have been made in gladioli in the last few years. Gladioli are among the best values in summer flowering bulbs, being especially good for cut-flowers and very simple to grow as they thrive in any soil.

THE FOLLOWING 6 bulbs for 75c; 12 for \$1.35; 50 for \$4.50, postpaid. (Assorted as you wish).

FLORA. A new golden yellow, extra large and fine. **LE MARECHAL FOCH.** A large pink, twice the size of "America."

L'IMMACULEE. The best pure white, very tall and straight.

EVELYN KIRTLAND. Large rosy-pink flowers with a glistening, sparkling lustre. Blotches of scarlet on lower petals. Tall spikes.

MR. MARK. Beautiful deep lilac with dark blotches.

ALICE TIPLADY. Primulensis type. Lovely orange-saffron blooms.

THE FOLLOWING SORTS 6 for 50c; 12 for 90c; 50 for \$3.25, postpaid. (Assorted as you wish).

CHICAGO WHITE. A desirable early white, with lavender throat markings.

MRS. FRANCIS KING. A lovely strawberry red. Very large.

MRS. PENDLETON. Flushed salmon-pink, red throat blotches.

SCHWABEN. Blooms a delicate pale yellow with dark blotches.

WAR. Improved strain. Deep blood red, tall and conspicuous.

WILBRINK. An extremely early pale pink. One of the best.

PIONEER GLADIOLUS MIXTURE. Quality better than ever through the addition of still better stock. Price lower than ever because of our large sales of this real bargain in bulbs. Extra large and fine flowers with a great range of color. Unexcelled for garden planting. 60c per dozen; 50 for \$1.90; 100 for \$3.50, all postpaid. See picture on back cover.



Evelyn Kirtland Gladiolus

Vegetable Plants

Stocky well-grown plants with lots of roots. We do not furnish special strains, but we use seed of the finest early varieties especially selected for the short growing season of the Northwest.

POTTED TOMATO PLANTS are a specialty of ours. There is no loss in transplanting and they start bearing from two to three weeks earlier than transplanted plants. Shipped in "Neponset" Paper Pots.

NOTE—Vegetable plants are very perishable and we recommend shipments by express as the quickest and safest way. Plants sent by parcel post cannot be insured against delay. If express shipments are damaged or delayed have your express agent make a note of same on the express bill before paying it. We will be glad to handle the claim for you.

	Postpaid		By Express		
	Per	Per	Per	Per	Per
Cabbage, Early, Transplanted	12	100	12	100	1000
Cabbage, Early seedlings	\$.30	1.60	.25	1.25	
Cabbage, Late seedlings	.20	.75	.15	.60	4.75
Cauliflower, Early, transplanted	.20	.75	.15	.60	4.75
Celery, Self Blanching, transplanted	.35	2.00	.30	1.60	
(Write for prices on large lots of celery seedlings).	.45	2.75	.35	2.25	
Egg Plant, Early Transplanted	.60	4.00	.50	3.25	
Pepper, Early Sweet, Transplanted	.60	4.00	.50	3.25	
Tomato, Best Early, Transplanted	.45	2.75	.35	2.25	
Tomato, from pots, Extra Early	1.25	7.75	1.00	6.50	
Tomato, Yellow Plum Transplanted	.45	2.75	.35	2.25	
Sweet Potato, Yellow Jersey	.30	1.50	.25	1.25	8.50
Mint Plants, for garnishing, etc.	Postpaid 25c each; \$2.00 per dozen. By express 15c each; \$1.50 per dozen.				



Will's Potted Tomatoes



The only really Ready-to-use bands on the market. No locks to put together, no tacks to drive, no folding of corners. The finest thing known to transplant plants of every kind. They are cheap, easy to use and very satisfactory. They come already folded and set up. All you have to do is open them, set close together in a box, fill with dirt, and put in the plant. Size 2x2 inches. Price \$1.25 for 250 bands, delivered to you postpaid.

"NEPONSET" WATERPROOF PAPER FLOWERPOTS. Just the thing for starting bedding and vegetable plants, etc. They make a fine cut worm guard, as the paper is creosoted. 3 inch size 30c per dozen, \$2.15 per 100, postpaid. \$12.00 per 1000 by express.

STONEWARE FLOWER POTS AND SAUCERS

Prices for shipment by express, F. O. B. Bismarck

STANDARD POTS. 3 inch 7c ea. 70c doz.; 4 in. 10c ea. \$1.00 doz.; 5 in. 13c ea. \$1.30 doz.; 6 in. 18c ea. \$1.90 doz.; 7 in. 25c ea. \$2.60 doz.; 8 in. 35c ea. \$3.70 doz.; 9 in. 50c ea. \$5.50 doz.

FLOWER POT SAUCERS. Prices on these are two thirds of the price for the same sized pot shown above.

"SAVO" FERN AND FLOWER BOXES

For both winter and summer use. Plants watered automatically. Fill reservoir once a week. No drip or drainage required. Made of steel with roll rim. Enamelled beautiful Pullman green. Will last for years. Prices, 23 inch length \$3.50; 29 inch, \$4.25; 35 inch, \$5.00; 41 inch, \$6.00. All 8 inches high and 9 1/2 inches wide. 29 inch box with stand 30 1/2 inches high, \$12.00. All prices for express shipment.

We have a good stock of Ferneries and Baskets. Write for prices.

Be sure to send for our Fall Bulb and Perennial List issued August 15th

BISMARCK NURSERY--WILL'S PIONEER NURSERY

Buy WILL'S HOME GROWN nursery stock direct from us, and save Agent's commissions.

WE BELONG TO THE AMERICAN ASSOCIATION OF NURSERYMEN
NORTHWESTERN GROWN, HARDY, ACCLIMATED TREES, SHRUBS, VINES &
FLOWERING PERENNIALS



OUR GUARANTEE.—We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better; in event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to refund customers money or replace the stock as he may elect. We are not responsible for damage to goods in transit; therefore you must examine at the express or freight office and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee safe delivery of mail orders but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

If stock arrives in good condition and our planting instructions are followed we are willing to replace once any stock lost at half price.

SHIPPING.—Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship.

CANADIAN ORDERS.—Must go by freight or express, and must be received by us before May first.

ORDER EARLY.—January and February orders and up to March 15th., receive better attention, get the best stock and are shipped early.

VISITORS WELCOME.—We are always glad to conduct you personally thru our Nurseries and Orchard. Call at Office on 4th St., or go south on 7th., which will bring you into the Nurseries.

CERTIFICATE OF EXAMINATION.—Our Nurseries are inspected annually by the State Horticulturist and certificate accompanies each order.

CARE OF STOCK.—All nursery stock leaves our packing cellar in first class condition. If our goods have been overlong on the road, or upon arrival are evidently in bad order, have the express agent make note of the same on express bill before you sign it.

If trees are to be planted soon, place roots in water and let them remain for several hours. If stock cannot be planted for several days, place roots in a trench and cover firmly with moist earth.

PLANTING INSTRUCTIONS.—Complete planting instructions will be enclosed with each order of nursery stock when shipped.

CULTIVATION.—All groves and wind-breaks should be well cultivated for four or five years after planting. Lawn and avenue trees cannot be cultivated to the same extent, but a small space about each tree should be kept free from grass and weeds and thoroughly mulched.

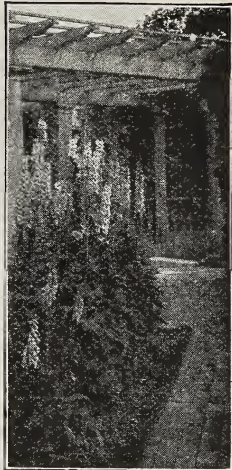
TREES BY MAIL.—We can ship parcels up to 70 pounds in 1st and 2nd zones; and up to 50 pounds in all other zones. Where postage is not included, we will send stock C. O. D. to cover postage, you paying postage on receipt of trees.

REFERRING TO ORDERS.—When writing to us about your Nursery Stock, ALWAYS give your order number and state whether goods were to be shipped by express, freight or mail.

FALL PLANTING.—Peonies and other Perennial flowers do exceptionally well when planted in Fall. Ask for special Fall price list. Can also supply trees, shrubs, etc., at current catalog prices.

LANDSCAPE DEPARTMENT.—We have made arrangements with an up-to-date Landscape Service for the benefit of our numerous customers who need professional help without going to great expense. Sketches, Blue-prints, estimates, etc., furnished for City and Country homes, School-Houses, Parks, Cemeteries, etc. Drop us a card for particulars.

HOME GROUNDS.—For four cents in stamps (to cover postage) we will send you this illustrated, 32-page booklet, FREE OF CHARGE, which covers the planting problems, both fruit and ornamental, that confront the prospective tree planter. Ask for it.



FLOWERING PERENNIALS



MIXED HOLLYHOCK AND YUCCA GLAUCA

In the following list of perennial flowers, will be found the hardiest and best selections of the various groups of those choice flowers which come up year after year. All perennials appreciate rich soils and a good mulch of manure in the Fall after the ground is frozen, which should be taken off early in the spring and worked well into the soil. Practically all perennials, except the Peonies and some of the Iris varieties, will bloom the first year.

Many of these are natives whose introduction we have made a specialty. Height to which plants grows is given after each description.

PRICES—All perennial roots, unless otherwise noted; 15c each; dozen, \$1.50. By mail, 20 each; dozen, \$2.00.

EARLY FLOWERING SORTS

COLUMBINE—(*Aquilegia canadensis*). The red and yellow flowered sort of this old favorite, sometimes called honeysuckle. Blooms from May to July, height 18 to 24 in.

BLUE VIOLET. For early spring the native violets are unsurpassed in beauty. The blue will stand either shade or sun and is very greatly enlarged by cultivation. Blooms in late May and early June.

WHITE VIOLET. The native woods violet, especially suited to shady or partly shaded locations and of great beauty.

SPIDERWORT. Another native of great beauty with its brilliant blue flowers and graceful leaves. It blooms early and remains in bloom for a month or more under favorable conditions. Height 10 to 15 in.



Violets

ANEMONE OR WINDFLOWER—(*Anemone canadensis*). Has beautiful white flowers in June and July and will do especially well mixed in with partially shaded shrubbery. 12 to 18 inches.

PENTSTEMON—(Early White). A dwarf sort, a hardy native, useful in clumps for early border, 10 to 15 in.

BLUE PERENNIAL FLAX. Another beautiful native which we are adding to our list. Very hardy and thrives well in any soil, producing a dense mass of stems covered with beautiful blue flowers in June and early July. 18-24 in.

PENTSTEMON GRANDIFLORA. This is perhaps the most beautiful of all our native flowers; blossoms of lavender or blue, bell-like in shape and nearly an inch in diameter, covering a spike from 18 to 24 inches long. Blooms early in July.

MEDIUM EARLY SORTS

HOLLYHOCK or WALLFLOWER. We have a wonderfully fine stock of this old favorite. It is perhaps more useful than any other perennial. See cut at the head of this page for illustration. Height 4 to 8 ft. Mixed roots 15c each, doz., \$1.50; by mail, each 20c; doz., \$2.00. Red or white, each, 20c; doz., \$2.00; by mail, each 25c; doz., \$2.50. We have a very few beautiful double yellow, each, 25c; doz., \$2.50; by mail, each 30c; doz., \$3.00.

YUCCA or SPANISH BAYONET. (*Yucca Glauca*). See cut above, yucca in foreground. Native on dry clay buttes and in the driest possible locations. Very ornamental in its ordinary condition, and unusually beautiful when it blooms in July with its long spike of greenish-white bells. Height 12 to 24 in.

LILY OF THE VALLEY—(*Convallaria*). A great shade and rich soil loving plant. Foliage is a dark glossy green, flowers pure white, bell shaped, racemes gracefully arching. Very fragrant. 6 to 12 inches.

DAISY, SHASTA—(*Chrysanthemum max*). Flowers large, pure white and very graceful, blooming more freely each season. Makes an exceptionally attractive border plant, 12 to 18 inches.



Pentstemon Grandiflora

DELPHINIUM OR PERENNIAL LARKSPUR. An old fashioned flower that is always popular. Fern like foliage with long spikes of blue flowers. 2 to 4 ft.

ACHILLEA—(The Pearl). One of our finest hardy herbaceous border and bedding plants. Has pure white double flowers in dense clusters blooming from July until October. Also used much in cemeteries and for cutting purposes. 1-1½ feet.

BLEEDING HEART—(Dicentra spectabilis). One of the very best old fashioned garden plants and hardy in every respect. Very fine for borders or margins of shrubbery. Quite distinct and very scarce the last few years. Each, 50c; mail, each, 60c.

BELL FLOWER, JAPANESE—(Platycodon gr.) A very handsome border plant, the flowers when in the bud stage, having the appearance of bells or inflated balloons. WHITE or BLUE.

MEDIUM LATE FLOWERING PERENNIALS

AMORPHA. Lead Plant and False Indigo (*canescens* and *fruticosa*). We offer this season both sorts of this handsome native shrub. Both have large spikes of beautiful purple flowers in late July. The *canescens* or lead plant is of a grayish color and grows to a height of from 18 in. to 3 ft. while the *fruticosa* with bright green foliage attains a height of from 3 ft. to 6 ft. Each 20c, per doz. \$2.00, by mail 25c, doz. \$2.50.

SWEET WILLIAM—(Dianthus barbatus). The grand well known old fashioned favorite, with a wide range of colors and conditions. 12 to 18 inches.

TIGER LILY—(Lilium tigrinum). Flowers bright deep orange red, spotted with purple black spots. Very useful, thriving from year to year in open border. 2 to 4 feet. Dormant bulbs only.

TALL BLAZING STAR. (Liatris squarrosa). This is one of the most beautiful of mid season perennials, purple, feathery flowers borne thickly on a long spike during July and August. 24 to 36 in.

DWARF BLAZING STAR. This is a small variety of the one previously listed. Very hardy and drought resistant, especially suited to sandy soil. Deep purple flowers on wand like stems in July and August. 10 to 20 in.

LATE FLOWERING PERENNIALS

BOLTONIA ASTEROIDES—(Pink and White). These are hard to equal for their shades of color and extreme profusion of bloom during the autumn months. Sturdy roots.

BABY'S BREATH—(Gypsophila paniculata). A very graceful plant blooming in August and September, when it becomes a mass of minute pure white blossoms, unexcelled for cutting, 2 feet.

BLUE UPLAND ASTER. This is one of the handsomest of the native asters, dwarf in habit, extremely profuse bloomer, with large blue, yellow-centered flowers; one of the latest perennials, blooming till October. 12 to 24 in.

TALL BLUE ASTER. Another native attaining a height of 3 to 5 ft. Very similar in appearance to the beautiful New England aster, tall stemmed with handsome foliage.

GOLDENROD—(Solidago canadensis). A bold plant with large heavy foliage and immense heads of yellow flowers. Very beautiful, especially when used as a background or intermixed with native Aster. 4-5 feet.

GOLDEN GLOW—(Rudbeckia). A very free flowering and one of our most attractive autumn flowering perennials for massing or mixed borders, producing beautiful double golden yellow flowers in great profusion from August until October. 5-6 feet.

MAXIMILIAN'S SUNFLOWER—(Helianthus). Large single flowers borne profusely, rich golden yellow, center reddish brown. Dark green drooping foliage. Blooms August and September. Five to seven feet.

HARDY IRIS



A grand family with many varieties. The flowers are amongst the most glorious of our hardy gardens, and by proper selections, may be had in bloom for several weeks.

SAMBO. (Pumila). The earliest of all iris, a dwarf variety of uncommon beauty which blooms very early in the spring. Color a rich purple. Especially suited for edging and borders. Each, 15c; doz., \$1.25; by mail each, 20c; doz., \$1.50.

ARENARIA. A very early yellow variety, groups well with the Sambo. Each 15c; doz. \$1.50; by mail each, 20c, doz. \$2.00.

SIBERIAN IRIS

Each, 15c; doz., \$1.50; by mail, each 20c; doz., \$2.00.

ORIENTALIS. Large handsome violet blue flowers blossoming after the flag iris are gone. This variety, having conspicuous crimson spathe valves, is also very ornamental in the bud stage. 2-3 feet.

SNOW QUEEN. An exquisite new variety with flowers ivory white in color and one of the finest of the whole Iris family. 2 to 3 feet.

GEORGE WALLACE. A very pleasing color combination of blue and white. One of the tallest varieties of the Iris family. 3 to 4 feet.

GERMANICA OR FLAG IRIS

MADAME CHEREAU. Tall, with high standards. Flowers white with blue margins. 15c each; \$1.50 per dozen; mail, each 20c.

FLAVESCENS OR CANARY BIRD. One of the best, and very conspicuous when planted in a mass. Uprights soft, creamy yellow, falls paler cream color, with striped base, 20c each; \$2.00 per 12; mail, 25c each.

QUEEN OF MAY. A new and choice variety with mauve-purple flowers. 20c each; \$2.00 per doz., mail, each 25c.

SILVER KING. Solid lavender fading to white. Each, 15c; \$1.50 per 12; by mail, 20c each.

SANS SOUCI. Upright petals, a rich striking yellow. Drooping petals dull maroon. Small size. 15c each; \$1.50 per doz.; by mail, 20c each.

RIBBON GRASS

This is a striped grass, colors green and white. It seems perfectly hardy, is very striking and valuable as a border or in clumps. Attains a height of about one foot. Each 10c; doz., \$1.00; by mail, each 15c; doz., \$1.25.

PEONIES

The Peonies are without doubt the most hardy, beautiful, and easily grown perennials of all the flowers grown within the temperate zone and when once planted, last a lifetime. They are likewise unsurpassable for indoor decoration, the cut flowers retaining their freshness for a week or more. Prices by Express, for Mail Orders add five cents per foot.

CHOICE MIXED ROOTS. These are roots from mixed plantings and we cannot furnish any particular color, but all are of choice varieties. Each, 35c; 10, \$3.00.

MEISSONIER. A rich purple red in color, strong stems and foliage, one of the best peonies for cutting. Blooms in mid-season. Each 50c; 5, \$2.40.

FESTIVA MAXIMA. The largest and finest of all white peonies. Rose type of flower, pure white with faint carmine spots in the center. This variety is unexcelled for beauty and is a very early bloomer. Each, 50c; 5, \$2.25.

* **MON. JULES ELIE.** This is undoubtedly the finest rose pink peony in cultivation. The flowers are of tremendous size, very compact, and display class in shape, color and size. This is probably the largest peony known. Each \$1.50; 5, \$6.00.



* **KARL ROSENFELD.** This is by far the finest, largest red peony and possesses the finest color. A strong grower, excellent to cut and in fact surpassing in every respect. Each, \$3.00; 5, \$12.00.



Meissonier

Festiva Maxima

L'ESPERANCE. This is one of the most beautiful of the rose colored peonies, a large bloom of the rose type and comes out early in the season. Each, 60c; 5, \$2.75.

ROSEA SUPERBA. One of the earliest peonies. Blossom a beautiful pale pink in color, large and rose shaped, resembling an immense pink rose. Each, 70c; 5, \$3.25.

FLORAL TREASURE. This peony blooms in mid-season bearing very large compact flowers of a beautiful shell pink shade. Each, 75c; 5, \$3.25.

COURONNE D'OR. A large white variety bearing large globular flowers of white with a yellow ring and crimson splashes. Each, 75c; 5, \$3.25.

RHUBARB OR PIE PLANT ROOTS

Planting our strong roots saves you from 1½ to 2 years over seed. Our variety produces extra large stalks which for canning and cooking are unsurpassed.

MONARCH. Strong, vigorous grower, producing extra large stalks of finest quality, of a decided pink color. For canning or cooking in any way its quality is unsurpassed. Per dozen, \$1.25, postpaid. By express or freight \$1.00.

ASPARAGUS ROOTS

WASHINGTON. (Rust proof) A sensational new variety which has just been brought out. We are fortunate to be able to supply this sort in vigorous one year roots. Per doz., 50c; 50, \$1.75; 100, \$3.25, postpaid. By express 50, \$1.50; 100 \$3.00.

CONOVERS COLOSSAL. This is the largest and most extensively grown green variety. **COLUMBIA MAMMOTH.** A distinct white variety of strong and vigorous growth, producing very large white shoots, which in favorable weather will still remain white as long as fit for use.

Price, either kind, 2-yr. undivided roots. By mail, 25c; 100, \$2.25; express, 25, 75c; 50, \$1.25; 100, \$2.00; 500, \$8.00; 1000, \$15.00.

HORSERADISH ROOTS

BOHEMIAN. A particularly large and smooth-rooted variety of strong flavor. Postpaid, dozen, 30c; by express, dozen, 25c.

COMMON. The old-fashioned sort. Postpaid, dozen, 25c; by express, dozen 20c

* Starred peonies are of the very highest class.

Hardy Shade and Ornamental Trees

TREE PRICES BY EXPRESS. SMALLER SIZES MAY BE ORDERED BY MAIL IF DESIRED AND WE SHALL FORWARD C. O. D. TO COVER POSTAGE AS THE WEIGHT IS DIFFICULT TO ESTIMATE IN ADVANCE.

A few words to our customers with regard to the matter of wind break and shade tree planting. We have a fairly extensive list of trees, all of which with some attention are satisfactory throughout the Northwest. For farm planting, however, under the harsher conditions the three old standbys are still the safest to plant—that is the cottonwood, box-elder, and green ash. For extensive groves or windbreaks a free use of the smaller sizes is sure to bring results, for quickest returns the cottonwood of course being the leader. In wind break planting there should be an addition of some of the more bushy types of trees such as Diamond, White English, Laurel Leaved and Golden Russian willows, Siberian Pea Tree, and Buffalo Berry. Some of the poplars in our list should also be intermixed for variety.

PLANT COTTONWOOD FOR A QUICK WINDBREAK



Cottonwood Windbreak
5 Years Old.
COLLECTED SEEDLINGS

	100	500	1000
6-10 inch	\$0.50	\$1.75	\$3.00
10-20 inch .....	.75	2.50	4.50
20-30 inch	1.00	3.50	6.00

COTTONWOOD (*populus deltoides*). The

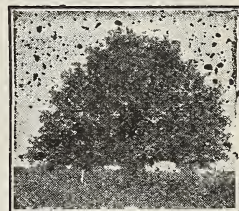
Cottonwood is the foundation of prairie tree culture in the Northwest and has furnished the backbone for all the many groves which dot our state. The most rapid grower and the freest from disease of any of the poplar family, their popularity continues to increase. We have been headquarters for this tree for 42 years.

NURSERY-GROWN, TRANSPLANTED

	Each	10	100
3-4 ft.	\$0.10	\$0.75	\$6.00
4-6 ft. ....	.15	1.25	10.00
6-8 ft. ....	.20	1.85	17.00
8-10 ft. ....	.30	2.50	20.00

BOX ELDER—(*Acer negundo*). Also called Ash Leaved and Manitoba Maple. Too well known to need any description. In planting windbreaks it is a very good method to alternate quick growing trees with the slower growing, long lived varieties. The Box Elder and Ash are extensively used in this manner with the cottonwoods. 5 @ 10 rates, 50 @ 100 rates.

	Each	10	100	500	1000
6-12 inch			\$0.75	\$3.50	\$6.00
12-18 inches			1.00	4.50	8.00
18-24 inches				1.50	5.50
3-4 feet		\$0.75	6.00		
4-6 feet		1.25	10.00		
6-8 feet	\$0.25	2.25			



A Handsome Boxelder

GREEN ASH—(*Fraxinus lanceolata* or *viridis*). The Green Ash is a native of North Dakota, and is absolutely hardy against drought, heat or cold. This tree will grow on dry and alkaline soils and could rightly be termed "insect and disease proof."

We offer our customers some unusually good stock, as our Ash are well rooted, have made a good growth last summer, and are very stocky. Try our transplanted trees for quick effect.

	100	500	1000
6-12 inches	\$0.50	\$2.00	\$3.50
12-18 inches .....	.75	3.50	6.50
5-6 ft.	Each 30c;	10, \$2.50	
6-8 ft.	Each 35c;	10, \$3.00	
8-10 ft.	Each 50c;	10, \$4.00	

MAPLE, Soft—(*Acer saccharinum*). We have succeeded in acclimating some very nice stock of this desirable tree, but do not recommend it for dry soils unless water can be applied plentifully, particularly before freezing in fall. Strong 12-18 inches, per 100, \$2.25; 500, \$10.50; 1000, \$20.00.

Please pack well as we do not have a daily mail and the plants are liable to perish. The ones we ordered last year were fine; everyone lived and made a good head.

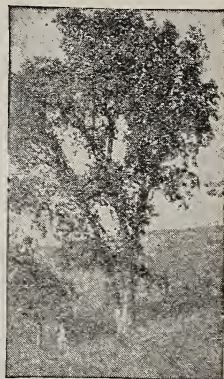
26512 Sarah L. Orner, R No. 1

Chaseley, N. D.

AMERICAN ELM. (*Ulmus americana*). The elm is perhaps the most beautiful shade tree that can be grown; our hardy, native home grown stock is the finest that you can get and perfectly adapted to the Northwest in locations where it can receive a fair supply of moisture. 4-6 ft., each, 40c; 10, \$3.50; 6 to 8 ft., each, 60c; 10, \$5.00. Seedlings 6-12 in., per 100, \$2.00; 500, \$9.00; 1000, \$16.00.

GINNALA OR AMUR MAPLE. This is a very hardy small maple from Siberia, especially noteworthy on account of its beauty of shape and foliage, and the glowing colors which it takes on in the fall. Attains a height of 20 to 30 feet, is absolutely hardy and very ornamental. Each, 4 to 6 ft., 40c; 10, \$3.00.

ASH—European Mt.—(*Sorbus aucuparia*). A very handsome hardy tree. The head is dense and regular, and very attractive when in bloom. From July until winter these trees are covered with great clusters of bright red berries. A very choice ornamental tree. 5-6 feet, each, 60c; per 10, \$6.00.



American Elm

LINDEN OR BASSWOOD. (*Tilia americana*). This is a handsome lawn and shade tree, pyramidal in form with large, bright green leaves. A native of eastern North Dakota and therefore very hardy. Each 75c; 10, \$7.00.

CUT LEAVED WEeping BIRCH—(*Betula l. p.*) This beautiful tree which is becoming very scarce on account of the difficulty of propagating it is undoubtedly the handsomest of all hardy lawn trees. Our stock is northern grown and hardy, but slender. 4 to 6 ft., each, \$3.00; per 10, \$27.50.

TAMARACK OR AMERICAN LARCH. This is a beautiful ornamental belonging to the evergreen family, but shedding its needles in the fall. A rapid grower and perfectly hardy over a period of many years. 4 to 6 ft., each 60c; 10, \$5.00.

BIRD OR PIN CHERRY. (*Prunus pennsylvanica*). A native of the state which makes a very handsome small tree or large shrub, bears a small tart cherry in profusion, which is valuable for the making of jelly and preserves. 3 to 4 ft., each, 40c; 10, \$3.50.



Ginnala Maple

NORTHWEST POPLAR. A hardy drought resistant poplar, native in parts of North Dakota and Manitoba. It is a handsome, fairly fast growing tree, very useful as an ornamental in addition to its value in windbreak and shelter belt planting. Perhaps the most drought resistant of any of the poplars, in appearance it is intermediate between the cottonwood and Balm of Gilead. 2-3 ft., each 15c; 10, \$1.25; 50, \$5.00; 100, \$9.00. 3-4 ft., each, 20c; 10, \$1.50; 50, \$7.00; 100, \$12.00.



Northwest Poplar

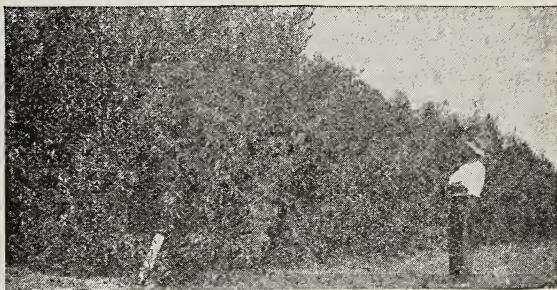
BALM OF GILEAD OR BALSAM POPLAR. This is an old favorite of the poplar family, perfectly hardy, with a broad spread of top, making a fine shade tree. Noticeable for the aromatic odor which it gives off. 3-5 ft., each, 20c; 10, 1.75.

SILVER LEAVED POPLAR. A very rapid grower with smooth gray bark. The deeply lobed leaves are a dark glossy green on their upper side and snowy underneath. The contrast of the white against the green is distinctive. We offer a stock of choice 4-6 ft. trees. Each 40c; 10, \$3.50.

WILLOW—Golden Russian. A good, practical tree of symmetrical form. Its highly colored bark makes it very attractive, even in winter. Forms a very, compact, dense, bushy tree. 2-3 ft., doz., 25c; 100, \$1.75; 1000, \$17.00. 3-4 ft., doz., 40c; 100, \$2.50; 1000, \$20.00.

WILLOW, White English. This is the original and genuine White English willow, which must not be confounded with the common gray or white willows. Our trees at the Nursery are between 40 and 50 feet in height, well branched out and very compact and bushy. Will grow 6 to 8 feet same season as set out. 2-3 ft., doz., 25c; 100, \$1.75; 1000, \$18.00; 3-4 ft., doz., 30c; 100, \$2.50; 1000, \$22.00.

WILLOW—Laurel-Leaved. A handsome ornamental tree, with large shiny, laurel-like leaves. Its bark stands out dark green in winter and it is a very beautiful specimen in all seasons. We consider this the best variety of the willow family both ornamentally and for its value in windbreaks. 1-2 ft. size per doz., 30c; per 100, \$2.00; per 1000, \$18.00. 2-3 ft., per doz., 40c; per 100, \$3.00; per 1000, \$28.00.



White English Willow Windbreak

WILLOW—Diamond. The most valuable as to timber of all the willow family and a native of North Dakota. Diamond willow fence posts will outlast the best white cedar. It has a shrubby tendency and in such form is valuable for shelterbelts and hedges but if trimmed up from the start, there is no more graceful tree to be had. Seedlings, per 100, 75c; 500, \$2.50; 1000, \$4.25. Cuttings, per 1000, \$2.50.

WILLOW—Niobe Weeping. Originally from Siberia. This is a hardy, golden-barked willow of weeping habit. The tree is a good grower with long, delicate, pendulous branches which nearly reach the ground. As any weeping trees may be injured by very high winds, we advise planting in partially sheltered places such as the south side of a house. 4-5 ft., trees, each, 40c; 10, \$3.50.

Ornamental Flowering Shrubs



A Beautiful Planting of Shrubs and Perennials in Bismarck

We make a specialty of hardy flowering shrubs which we have proven suitable to Northwestern conditions of climate. We call especial attention to the hardy natives which we list.

PLANT WILL'S PROVEN, HARDY SHRUBS FOR RESULTS

Prices quoted are by express or freight. 5 at 10 rates.

Mail Prices—Where shrubs are desired by mail add 10c per plant to price quoted for that variety. All shrubs sent by mail are of small size, and will be cut back ready for setting out, before shipping.

In addition to the shrubs listed on the next two pages, we call attention to those listed under hedge plants which are also of great value for shrubbery plantings. This includes honeysuckles, Russian olive, Siberian pea and both the red and NEW YELLOW buffaloberry; also items listed under small fruit such as native gooseberry, chokecherry, sandcherry and wild plum.

CHINESE APRICOT (*Pr. armeniaca*). A native from Siberia and China, which has proven absolutely hardy here. Makes a small, round-topped tree with reddish bark somewhat like the Peach. Flowers are pink; followed by a yellow, blushed with red fruit. When squeezing the fruit, the pit drops out clean. The fruit is not very good to eat, but as a small ornamental shrub, this is certainly a valuable addition to our limited plant list. We are the first to introduce this valuable new plant to the public at large. **TRANSPLANTED, 2 year old nursery grown plants, each 50c; per 10, \$4.00.**

SIBERIAN FLOWERING ALMOND OR CHINESE PEACH. (*Amygdalus ped.*) At last, a hardy, drought resistant flowering Almond guaranteed hardy ANYWHERE in our Northern States bordering Canada. A pretty, low-growing, bushy ornamental plant, with pink flowers appearing in advance of the leaves. The flowers are followed by small, red-hairy, peach like fruits. Like the Chinese Apricot, we are the first to introduce this **GUARANTEED HARDY** ornamental plant. **2 year transplants, each 50c; per 10, \$4.00.**

HAWTHORN, THORNAPPLE or RED HAW. (*crataegus*). A shrub or small, thorny tree, a hardy native, which is a mass of white flowers in spring and after July is covered with large, red berries of a beautiful shade which hang till late in the fall unless eaten by the birds. It is difficult to transplant unless the stock has been transplanted from seed in the nursery as has ours. Thrifty specimens, 12 to 18 in., and stocky, each 50c; 10, \$4.50.

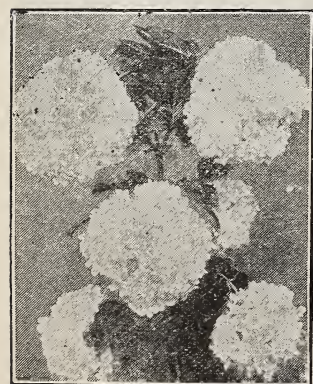
SPIREA SALICIFOLIA—(Meadow Sweet). Native white flowering. Covered with beautiful small white flowers borne on miniature spikes from late June into July. Small plants. Each, 25c; per 10, \$2.00.

SPIREA—Van Houtte or Bridal Wreath. This is the most graceful of all the Spireas. In June it is a complete mass of small white flowers, well placed among its drooping branches. It is excellent as a specimen plant or for use in shrubbery cluster. 2-3 feet, each, 35c; per 10, \$3.00.

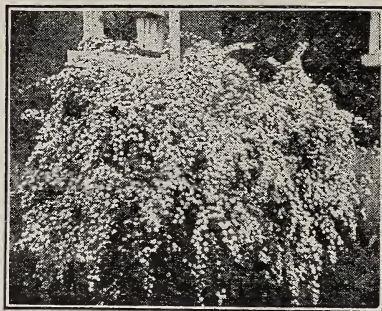
SPIREA ARGUTA. A beautiful, hardy spirea which has given excellent results at the Great Plains Station at Mandan. The earliest of the spireas, blooming before Van Houtte, flowers in massed umbels, color white. 18 to 24 in., each, 45c; 10, \$4.00.

SPIREA—Callosa alba. Like the A. Waterer, this is a dwarf, growing to a height of 24 inches. The large flat clusters of white flowers bloom nearly all summer. Very attractive. Each, 50c; per 10, \$4.25.

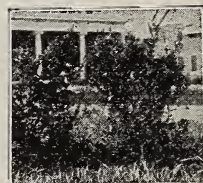
SPIREA—Opulifolia (Ninebark). Has a strong, thrifty, upright growth, attaining a height of 6 to 8 feet. The stems are rugged and have loose, gray bark. Flowers are white, with bladdery pods turning purple in fall. Will thrive in both dry and wet soils. 2-3 feet, each, 35c; per 10, \$3.00.



Snowball



Van Houtte Spirea



Billardi Spirea

SPIREA—Billardi. A hardy, vigorous growing shrub with flowers in terminal rose colored and white spikes blooming from mid-summer until frost. Grows to a height of from 5 to 7 feet. Each, 30c; per 10, \$2.50.

SPIREA—Anthony Waterer. This is a dwarf, free-blooming variety which bears flattened heads of brilliant rosy blossoms on the new wood throughout the latter part of summer. 18-24 inches, each, 60c; per 10, \$5.00.

SNOWBALL—(Virburnum sterilis). This beautiful shrub blooms during the latter part of May and is used extensively for Memorial Day decorations. The large balls of pure white flowers are borne in clusters of five or six. 2-3 ft., each 40c; per 10, \$3.50.



Buffalo Currant

FLOWERING OR BUFFALO CURRANT—(*Ribes aureum*). The fragrant yellow flowers are borne in showy racemes and bloom before the plant leaves out. The flowers are replaced by black berries which make excellent jelly. The leaves give bright autumn tints. Particularly desirable in shrubby clusters. Each 2-3 feet 40c; per 10, \$3.50.

HIGH BUSH CRANBERRY or PEMBINA BUSH—(*Viburnum Americana*). A native shrub, flourishing on all but the dryest soils. The leaves are a glossy green and always free from insects. It is valued for its beautiful foliage and early white flowers, but mostly for its big clusters of red berries in the fall. Each. 35c; per 10, \$3.00.

MAY DAY BUSH. (*Prunus mackii*). This is a tall shrub or small tree from Siberia and related to our chokecherry. The very first plant to come into leaf and blossom in the spring, perfectly hardy, and handsome in foliage and form. 3 year specimens, each, 25c; 10, \$2.25.

GOLDEN ELDER—(*Sambucus aurea*). A most attractive shrub with golden foliage the entire season. Forms a delightful contrast when grouped with other shrubs. Flowers in July. Each, 40c; per 10, \$3.50.

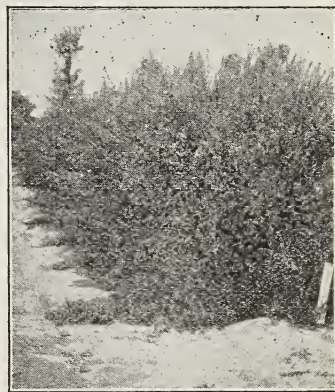
JUNEBERRY—(*Amelanchier canadensis*). A native of this state, attaining a height of six to eight feet, bearing white flowers very early in the spring, and producing a large number of edible berries which are very ornamental. Each, 3 to 4 feet, 25c; per 10, \$2.00.

DOUBLE FLOWERING PLUM—(*Prunus triloba*). Large, double rose flowers, thickly clustered, blooming before leaves appear. Large three-lobed leaves. The most ornamental early flowering shrub. 2-3 feet, each, 60c; per 10, \$5.00.

SILVERBERRY—(*Eleagnus argentea*). An erect shrub, native here and in Canada, growing to a height of 10 feet. Leaves silvery on both sides, while flowers are yellow and fragrant. Closely resembles the Russian Olive to which family it belongs. 2-3 feet, each, 40c; per 10, \$3.50.

RUSSIAN ARTEMISIA OR OLD MAN. A semi-herbaceous shrub of wonderfully rapid growth and extreme hardiness. It is especially valuable for a quick hedge or for farm planting as an ornamental. Emits an aromatic odor. Each, 30c; 10, \$2.50.

STAGHORN SUMAC—(*Rhus typhina*). The glossy foliage turns a brilliant crimson in fall, while the branches and stocks are very dense and velvety haired. Blooms late with terminal flowers of greenish-white in dense pannicles. Fruits are large deep crimson. Extra strong stocky plants. 4-5 feet, each, 50c; per 10, \$4.00.



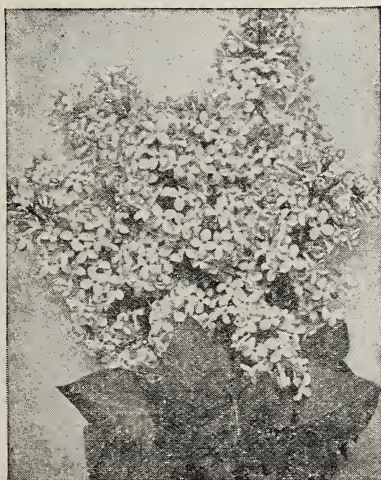
Artemisia or Old Man

LILAC COMMON PURPLE—(*Syringa vulgaris*). The old-fashioned shrub bearing dense pannicles of lilac flowers in May. Each, 25c; per 10, \$2.00.

LILAC, COMMON WHITE. The old favorite with its pure white flowers of great fragrance. Each, 30c; per 10, \$2.50.

LILAC, JOSIKEA. A handsome, late blooming variety, flowering long after all other sorts except the villosa which it very closely resembles. Large handsome foliage, and a valuable shrub. Each, 18 to 24 in. 40c; 10, \$3.50.

PERSIAN LILAC. This is a later blooming form of lilac with finer foliage and flowers. Does not freeze back as often as the common and is a very beautiful shrub. 2 to 3 ft. each, 50c; 10, \$4.50.



Purple Lilac

HARDY ROSES

Add 10c to Price of Single Rose if Ordered Postpaid

Few roses are suited to the climate of the Northwest, and nearly all require some winter protection. Of those we list Persian Yellow and Hugonis are entirely hardy without covering; the rugosa and its hybrids will kill back a trifle in severe winters, but are generally hardy, all others should be cut back in the fall and well covered, preferably with soil banked up, but at least with straw or manure.

RUGOSA BUSH ROSE AND RUGOSA HYBRIDS

RUGOSA BUSH ROSE. This is the genuine hardy single rugosa, large blossoms red and white in color, handsome foliage and wonderful hardiness. Will stand much more severe conditions than any of the hybrids from it. Each, 30c; 10, \$2.50.

HANSA (Crimson). The flower is a large beautiful crimson, double and very fragrant. Each, 75c; per 10, \$7.00.

C. F. MEYER (Pink). The flower is a clear silvery rose, large and double. Each, 75c; per 10, \$7.00.

BLANC DE COUBERT (White). The flowers are pure white, semi-double, and very fragrant. Each, 80c; per 10, \$8.00.

CLIMBING ROSES

CRIMSON RAMBLER. A wonderful Japanese rose, the most important and valuable acquisition of recent years. A rapid growing climber producing an abundance of semi-double bright crimson flowers. Each, 50c; per 10, \$4.50.

WHITE RAMBLER. Having the same climbing habit as the Crimson Rambler, but bears pure, pearly white flowers. Each, 50c; per 10, \$4.50.

BUSH ROSES

HUGONIS, THE NEW, HARDY CHINESE ROSE. This rose which has created a sensation since its introduction is a yellow bush rose of rapid growth, with exceptionally handsome foliage, and bearing an unbelievably heavy blooming of single yellow flowers in June. The foliage turns a bronze red in fall so that this is the one rose which is ornamental all season instead of at blossom time only. Perfectly Hardy. Each, \$2.00; 10, \$9.50.



Rugosa Hybrid

GEN. JACQUEMINOT—(Hybrid Perpetual or Bush Rose). One of the best and most popular of the red H. P. Roses grown. It is bushy in habit and quite hardy. The large and fragrant flowers are a rich crimson. Should have some winter protection. Each, 75c; per 10, \$7.00.

PERSIAN YELLOW—(Hardy Yellow Bush Rose). Absolutely hardy, an old favorite and still one of the very best roses for the yard. Flowers are bright yellow and double. Each, 85c; per 10, \$8.00.

BABY RAMBLERS OR DWARF POLYANTHUS ROSES. These are invaluable in bedding work, and if cut back in the fall and potted will bloom throughout the winter indoors. These must also have protection if left outside over winter.

CRIMSON BABY. The original dwarf form. The wonderful persistency of its crimson bloom makes it deservedly popular. It makes a very beautiful house plant. Each 70c; per 10, \$6.50.

WHITE BABY. Daintily modeled and full of perfectly double, pure white flowers. Each, 70c; per 10, \$6.50.

HARDY HEDGE PLANTS

BUFFALO or BULL BERRY (Shepherdia arg.).
—RED. A native shrub, hardy, especially adapted to dry conditions, with silvery foliage. Is a mass of brilliant red berries from early August until they are picked or eaten by birds. Named by the early French explorers as the bushes in fruit looked at a distance as though they were hung with fresh buffalo meat. The berries make an excellent jelly. Price, 18 to 24 in. nursery grown and heavy, each 20c; 10, \$1.75; 50, \$8.00; 100, \$15.00.

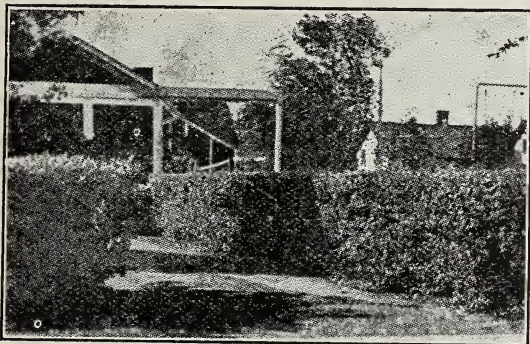
YELLOW BUFFALO BERRY. A much rarer form which we have only recently been able to propagate. Berries are even better in flavor and for jelly than the red. A mixed clump makes a handsome contrast. 12 to 18 in. each 30c; 10, \$2.50.



Buffalo Berry

SIBERIAN PEA TREE—(*Caragana arborescens*). One of the hardiest of the shrubs introduced from Northern Russia, its foliage resembling the locust. The bark is a bright green, rendering the tree very attractive even after the leaves have fallen. The bright yellow flowers are borne in May and June, and in dainty shape closely resembling pea blossoms. It can be grown as a shrub or trimmed to a tree, and, planted in hedge rows gives quick and pleasing results. It is absolutely hardy under the severest conditions. **Prices, 6-12 in., 10, 40c; 50, \$1.75; 100, \$3.00; 12-18 in., 10, 70c; 50, \$2.50; 100, \$4.00; 18-24 in., Each, 10c; 10, 80c; 50, \$3.00; 100, \$5.50; 2-3 ft., Each 15c; 10, \$1.00; 50, \$4.50; 100, \$8.00.**

HONEYSUCKLE, TARTARIAN BUSH. An upright or bush form of the Honeysuckle and noted for its great profusion and fragrance of its flowers. Growing from eight to twelve feet high (according to location) these tall growing shrubs are extremely suitable for shrubbery clusters and for individual planting purposes, especially in exposed locations, as they are the last word in hardiness. For hedges they are unsurpassable, being very ornamental in a trained hedge and will stand clipping to any desired shape or form. **Price, 12-18 in., Each, 20c; 10, \$1.75; 50, \$8.00; 100, \$15.00; 18-24 in., Each, 30c; 10, \$2.50; 50, \$11.00; 100, \$20.00.**



Russian Olive Hedge



Tartarian Honeysuckle

RUSSIAN OLIVE—(*Eleagnus angustifolia*). The hardiest of the Russian importations. Thrives on the poorest soils, and withstands drought, heat and cold absolutely. It has small yellow flowers produced abundantly, replaced later by small, silvery-white, olive-shaped fruits. When trimmed it makes a beautiful ornamental and when cut back forms a most effective hedge. For hedging, plant 1 foot apart. **Price, 18-24 in., 10, 75c; 50, \$3.00; 100, \$5.00. 2-3 ft., 10, \$1.25; 50, \$4.00; 100, \$7.00; 3-4 ft., Each, 25c; 10, \$2.00.**

Creepers and Vines

5 at 10 Rates

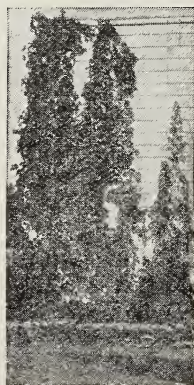
With this list should be noted the native wild grape which we can supply at very reasonable prices, listed with grapes.

VIRGINIA CREEPER—(*Amp. quinquefolia*). Also called Woodbine, five-leaved Ivy, etc. A native vine of rapid growth and large luxuriant, foliage, which in autumn takes on the most gorgeous coloring. **Each, 20c; 10, \$1.75. Postpaid, each, 25c.**

NATIVE HOP VINE. This is a hardy, native vine which produces greenish flowers. It readily attains a height of 15 feet. Strong nursery grown plants. **Each, 20c; 10, \$1.75. Postpaid, each, 25c.**

BITTERSWEET—(*Celastrus scandens*). A very ornamental and absolutely hardy native climber. It produces orange-yellow flowers followed by showy crimson fruits in autumn. The leaves are dense and glossy. **Each, 25c; 10, \$2.00. Postpaid, each, 30c.**

CHINESE MATRIMONY VINE. Useful both as a vine or shrub, not a good climber, but excellent to trail on walls terraces, etc. A fast growing woody plant with drooping or trailing branches. Has lavender blossoms early and good sized ornamental red fruit which persists into winter. **Each 20c; 10, \$1.75; Postpaid, each, 25c.**



Hop Vine

ENGLEMAN'S CREEPER—(Amp. Englemanni). A type of Virginia creeper, but having shorter joints, and much smaller and thicker leaves. Its strongest feature is its ability to cling to brick, stone or plaster. This makes it valuable in covering walls and large buildings. It is quite hardy but we advise planting it in partially sheltered places. Each, 25c; 10, \$2.25. Postpaid, each 30c.

CLEMATIS—Native Yellow Flowering. A fast growing native vine of the Clematis family of absolute hardiness and covered with myriads of yellow flowers in summer. 2 and 3 year old plants, nursery grown. 25c each; 10, \$2.25. Postpaid, each 30c.

CLEMATIS—Virgin's Bower. The native clematis with the white blossom and feathery seed. This is the more common native sort and is absolutely hardy, and very handsome for trellises or porch shade. Each 25c; 10, \$2.25; postpaid, each 30c.



Clematis

Evergreen Trees

SELECT SPECIMEN PLANTS

By Express or Freight Only

The following varieties, (all bushy specimen plants) will be sent, balled and burlapped or placed in baskets. On account of high express rates on uncased trees, we advise when ordering, to have trees sent "balled and burlapped." When wanted in baskets however, kindly specify. Where 10 or more plants are ordered, we can ball and burlap, box, and send by freight.

BLACK HILLS SPRUCE. This is a sub-variety of the White Spruce, but is much hardier. It has been growing in the Black Hills since glacial days and there is nothing in the way of blizzards, hot winds, drought and the like that it had not withstood for centuries before a white man ever saw it. This is one of the most attractive Evergreens and without exception the easiest to transplant. Price; each, 12 to 18 inches, \$1.00; 18-24 inches, \$2.00.

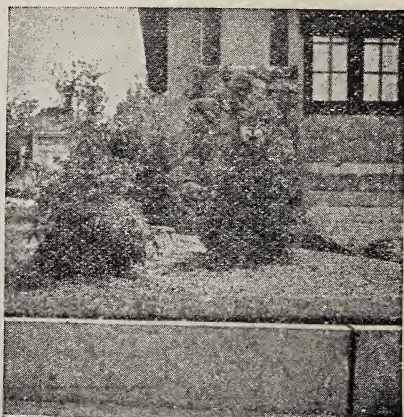
COLORADO BLUE SPRUCE, SHINERS—(*Picea pungens*). An elegant Colorado species with long leathery leaves of rich steel blue. Perfectly hardy anywhere in the Northwest. 18 to 24 in., each, \$4.00.

BULL PINE—(*Pinus ponderosa*). This is a native pine of the North Dakota Bad Lands, and the acme of hardiness. It makes a handsome, stocky tree, beautiful the year round with its long dark green needles. We have a limited number of the specimen trees to which we call your attention. 12-18 inch size, \$1.00 each.

BAD LANDS CEDAR. This is the North Dakota type of red cedar and our specimens come direct from the Little Missouri Bad Lands. They are a most difficult tree to propagate but are the hardiest of all evergreens, very beautiful, and most satisfactory in every particular. We should advise having these shipped in baskets in spite of the higher rates as they are much surer to grow. Size 12 to 18 in., Each, \$2.00.

BLACK HILLS SPRUCE SEEDLINGS—MAIL OR EXPRESS

This is the only variety of Evergreen seedlings which we feel can be offered our customers with safety, as this is the hardiest of all the Evergreens, and we are positive that these will give the highest degree of satisfaction. We have bought a supply of seedlings again this year, ready for spring shipment. Seedlings come 100 per bunch so do not order less, as we positively will not break bunches. Package of 100, by express, 3-6 inch, \$1.75; by mail, per 100, \$2.00.



Black Hills Spruce

Acclimated Apples and Crab Apples For the Northwest Planter



It has been fully demonstrated now at the Great Plains Station at Mandan that by growing apples and plums in the bush form with low heads and on hardy roots these fruits may be successfully raised in the Northwest without undue effort. We are using our best efforts to produce the proper sort of trees on the hardest types of roots and are truly proud of the stock which we have to offer this year. We offer only proved hardy varieties. Our stock is all two years old and unusually thrifty. Young trees are without question the most satisfactory to plant.

RED WING. One of the new Minnesota Fruit Breeding Station varieties, which we are very fortunate in being able to offer this year, on specially hardy root stocks. A very hardy and blight free sort, has lived some twelve years and born in Manitoba. Of sturdy habit, and handsome appearance. Fruit is medium to large in size of wonderful keeping qualities, so that it fills the long felt want in the Northwest of an entirely hardy winter apple of good quality. Fruit hangs to tree well, is beautiful in appearance, with firm, fine-grained juicy flesh. See back cover for illustration and price.

Prices. Strong 2 Year Stock, Each 40c; 10, \$3.50, for varieties below

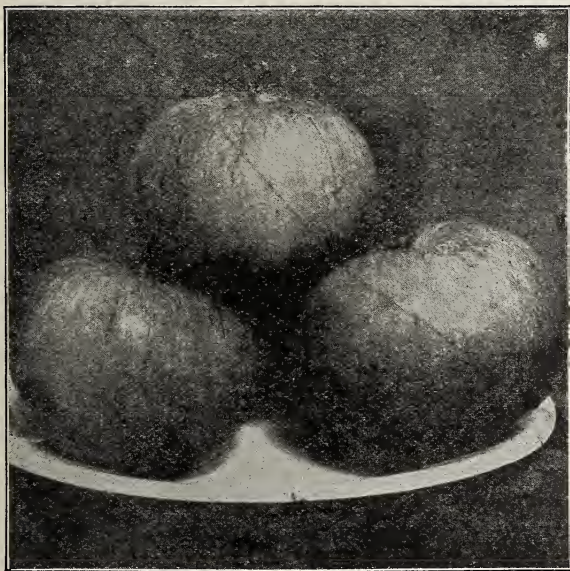
PYRUS BACCATA. The Siberian cherry apple; this is a handsome ornamental, the original Siberian wild crab, and produces heavy crops of a small, cherry sized apple which is unusually satisfactory for making jelly. This variety is the hardest of the apple family, and is the one which is largely used by us as a root stock for our other varieties.

WHITNEY CRAB. August to September. A hardy, thrifty, upright grower. The fruit is very large and glossy green, striped with red. The flesh is firm, juicy and pleasant. It is a very heavy yielder and highly prized for cider.

HYSLOP CRAB. September to November. A small, late, dark-red crab. It is very hardy, a good yielder and one of the most popular varieties.

WEALTHY. October to January. This variety is beyond doubt the most popular sort thruout the Northwest. A hardy, upright grower, and a very abundant bearer. The fruit is large and dark crimson in color. The flesh is crisp and sub-acid; white, tinged with red. A fine eating apple and one that keeps well in storage.

HIBERNAL. October to December. The hardest type of the Russian family. A spreading grower, and an early regular bearer. The fruit is large and yellow in color, with dull, bronze-red on the sunnyside. Excellent for cooking and the best for drying purposes, but tart for eating until ripe.



Duchess Apple

PATTEN'S GREENING. February to March. A seedling of the Duchess, very hardy, vigorous and free from blight. The fruit is large, yellow and keeps remarkably well. One of the best all-around varieties for the Northwest; a good eating and cooking apple.

OKABENA. September. Very hardy, productive and remarkably free from blight. The fruit is medium sized, slightly flattened, and highly colored. As an eating apple it cannot be surpassed.

DUCHESS. August to September. A standard early commercial variety and the best known of all the Russian apples. It is very hardy, free from blight, and an early and prolific bearer. The fruit is large, yellow with red stripes, very tender and juicy.

ANISIM. A variety from Russia that has proved of exceptional value in the Northern Great Plains. A strong grower and prodigious bearer. Fruit small, handsome in appearance, flesh greenish-white and good. An early winter sort. Not at its best after the first fifteen or twenty years.

Plums and Plum-Cherry Hybrids

Plums are the best adapted of all the larger fruits to the Northwest, are found native in their wild forms, and are our most satisfactory fruit as regards yield and regularity of bearing. Like the apples they should be grown in bush form, especially the hybrid forms. The true plums which we list are derived from the *Prunus Americana* type native in our state or from the *Prunus Nigra* of Manitoba. The hybrids are crosses between true plums and sand cherry. Our stock is of our own growing and is budded and grafted on either the native wild plum or the sand cherry.



Underwood Plum

TRUE PLUMS

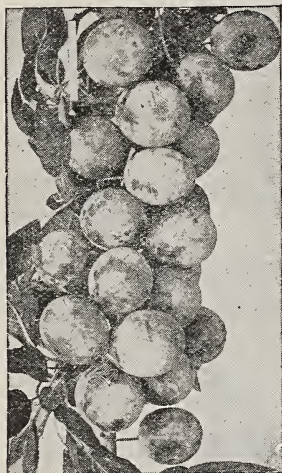
UNDERWOOD. This is one of the hardiest of the new Minnesota Fruit Breeding Station varieties, and has proven perfectly hardy with us. These varieties in flavor are the equal of any of the Japanese plums, are larger than any of the Americana type, and are thrifty and strong varieties which bear annually. The Underwood is an excellent keeper and the earliest plum in the list. Fruit is large, dark red, and sweet. Ripens in mid-season. Each, 80c; 10, \$7.50.

WANETA. This is the largest of Prof. Hansen's hybrid plums, being a cross similar to the Underwood. It has proven perfectly hardy at the U. S. Station at Mandan, is a heavy bearer, and produces the largest fruit of any hardy plum. Fruit is of good quality, ripens in mid-season and is of excellent flavor. Fine healthy 3 to 5 ft. trees, each 80c; 10, \$7.50.

CREE. The Cree is one of Professor Hansen's originations and assuredly one of the best. It has been carefully tested here and at the Mandan Station and has proven absolutely hardy and of wonderful quality. It is one of the largest sized plums of the north, the fruit being bright red, skin thin, ripening in the latter part of August. It is a cross between the *Prunus Nigra* of Manitoba and the Shiro plum. The late Mr. Wedge of the Wedge nursery when he viewed the Cree at Mandan pronounced it the best fruit on the grounds, and that is our opinion of it. Strong young trees, each \$1.25; 10, \$10.00.

DE SOTO. The most popular of all American plums and a marked success in the Northwest. The tree is very hardy and productive, inclined to overbear. The fruit is medium size, fine quality and flavor and bright red with firm yellow flesh. Each 60c; 10 \$5.00.

NATIVE WILD PLUM. These vary somewhat as to size and color, some being a medium size while others are larger. All however, are good sized plums and are absolutely certain to bear fruit every year after the second year of setting out. 2-3 ft., Each 25c; 10, \$2.00; 3-4 ft., Each 60c; 10, \$5.00.



Wild Plum

These varieties are crosses between the native sand cherry and the Japanese and Americana plums, and are perhaps the most satisfactory of all fruits for the northern plains. They bear tremendously, starting the year after they are planted. Should be grown only in bush form for best results. They were originated by Professor Hansen of the S. D. Station, who has produced so many valuable horticultural additions to our planting lists. 3 to 5 ft., each, 60c; 10, \$5.00.

OPATA. A cross between the Sand Cherry and Gold Plum. Tree is a very vigorous grower and should be allowed to head out very low. Fruit is dark, purplish-red with blue bloom, flesh green and firm with very pleasant flavor. We consider this the best and the hardiest of the Hansen hybrids.

SAPA. Cross between the Sand Cherry and a Japanese Plum. Heads low like the Opata. Fruit has glossy dark purple skin and rich dark-purple red flesh. Excellent for canning.

CHERESOTA. This is a rapid grower, fruit resembling the Opata, but ripening much later, giving with the former a long period of ripe fruit. Bears as heavily as the other sorts, and has the same delicious flavor.



Opata

CHERRIES



Western Chokecherry

WESTERN CHOKECHERRY (*prunus melanocarpa*). This is a larger and sweeter cherry than the eastern variety and is exceedingly satisfactory for jelly and sauce being perhaps the most delicious for that purpose of any of our western fruit. Also valuable in shelter belt and windbreak planting, and a handsome ornamental. 6 to 12 in. seedlings per 100, \$2.00; 4 to 6 ft. strong, nursery grown trees, each 25c; 10, \$2.00.

SAND CHERRY OR ROCKY MOUNTAIN CHERRY. This is a native bush cherry, wonderfully productive and very hardy. The fruit is nearly the size of a tame cherry and when dead ripe, of pleasant taste. Very fine for jams and jellies. Each, 25c; \$2.00 per 10.

ZUMBRA CHERRY. (See back cover for illustration). This is an entirely new type of cherry which promises to be of great value. It has been thoroughly tested for hardiness and seems to be fully as hardy as the Compass. It is a production of the Minnesota State Fruit Breeding Farm, and is supposed to be a cross between the sweet cherry, the pin cherry and sand cherry. Fruit is very dark, flesh greenish, freestone, quality very good. Excellent for preserves. Our stock of this grand new introduction is very limited. Each, \$1.25.



Sand Cherry

COMPASS. This remarkable fruit, the result of a natural cross between the sand cherry and a native plum, originated with H. Knudson of Springfield, Minnesota. The tree is perfectly hardy, even in the far North, and seems especially adapted to the Western prairies, where it is very free from disease, and remarkably exempt from insect enemies and the depredations of birds. It frequently bears the same year as it is set, and is quite certain to bear a good crop annually thereafter. The fruit which resembles a small bright red plum, is of pleasant acidity as eaten out of the hand and when cooked or canned makes a remarkably fine rich flavored sauce. Price, each, 3-5 feet, \$0.50; per 10, \$4.50.

HAZELNUT—*Corylus Americana*

This native, found in the Northeastern part of the state and in Northern Minn., grows in shrub or bush form, attaining a height of from four to six feet. The nuts hang on in clusters and can be picked when fairly green. Very good to eat. They generally bear heavy crops year after year. Each, 3-4 feet, 25c; per 10, \$2.00.

STRAWBERRIES

We are pricing strawberry plants this year only at prepaid prices. All orders for them will be shipped by themselves, as we cannot usually start shipping till near May first and the plants are liable to damage if packed in with other goods.

Prices	25	50	100	1000
Progressive	\$0.65	1.25	2.25	18.00
Senator Dunlap .....	.35	.60	1.00	9.00

PROGRESSIVE EVERBEARING. (Perfect Flowering). After several years of testing out, this variety holds first place among the Everbearing kinds for the Northwest section. It is very hardy and highly productive and we recommend this kind for all ordinary purposes, either for the Farmer who wants to set out 500 or a 1,000 plants or for the City dweller who is content with 25 or 50 plants. Keep blossoms picked off during spring when plants are set out. This insures a good crop for Fall. Mulch with old hay or straw in Fall after the ground freezes and take off during April the following year. If taken care of, you have fresh fruit from August until October the first year, and practically during the whole season, the next year.



Progressive Everbearing

SEN. DUNLAP June Bearing (Perfect-Flowering). This is the greatest of all the June bearing strawberries. The vine is tough, bright, a rampant runner, and a sturdy grower. It is wonderfully productive and each berry is regular in shape and of delicious quality. The berry is large, bright red and glossy, firm, a good keeper, and the very best sort for canning. It ripens early but continues one month in bearing. Absolutely hardy throughout the Northwest; it yields a good crop in spite of drought and neglect.

Raspberries

This is one of our true Northern fruits and is very much at home in the Dakotas, Montana and the western states.

SUNBEAM. This hardy raspberry, originated by Prof. Hansen has to date proved the hardest and most satisfactory variety for the Northwest in all of our trials. It winterkills less, and bears more with us than any other sort. Besides being productive the fruit is of good quality, and the bearing season is long, some fruit being borne on the new wood. For ordinary farm conditions it is by far the safest to plant. Price, doz., 40c; 50, \$1.60; 100, \$3.00. By mail, doz., 50c; 100, \$3.50.

PEERLESS CLIMBING. This variety was originated by Mr. John Millet, and is a very rapid grower, so much so that it may be trained up in vine shape where room is limited. It produces a fine large berry of unusually good flavor, and bears well on the second growth. Not as generally hardy as Sunbeam but an excellent sort for good soil and in locations that are somewhat sheltered. Fruit is the largest of any sort that we list. Price, doz., 75c; 50, \$3.00; 100, \$5.00; by mail, doz., 85c; 50, \$3.25; 100, \$5.50.



Tye Black Raspberry



Sunbeam

OHTA—(Red). Like the Sunbeam this variety was originated by Prof. Hansen of Brookings, S. D., who, in his endeavors to produce a berry better than the Sunbeam, was finally rewarded by this cross which he called Ohta. This variety might be termed an everbearer, as it bears from July until fall. Prices: per 12, 70c; per 50, \$2.50; 100, \$4.50. Mail, 12, 80c; 100, \$5.00.

TYE BLACK. The only hardy Black Raspberry in the Northwest. Found growing wild in the Square Buttes of this state by Mr. O. A. Tye and brought under cultivation. Makes a strong, stocky growth. Berries are medium-sized, firm and hang in clusters. Plant not more than 12 inches below surface of soil. Each, 25c; dozen, \$2.50. By mail, each, 30c; dozen \$2.75.

BLACKBERRIES

ELDORADO. The most valuable variety for our northern climate. It requires covering in winter. The plants are vigorous, and their yield is enormous. The berries are large jet-black, borne in large clusters and ripen well together. They are sweet and delicious and keep well after picking. Dozen, 80c, postpaid. By express, dozen 70c; 50, \$3.00; 100, \$5.00.

GOOSEBERRIES

HOUGHTON. An enormously productive, reliable old variety. The fruit is smooth, pale-red, tender and well flavored. Of vigorous growth, slender and spreading; it is not subject to mildew. Strong 1 years plants, per 12, \$1.50. By mail, per 12, \$1.75.

NATIVE WILD GOOSEBERRY. The wild gooseberry is of value both as a fruit and ornamental. It produces a very considerable quantity of excellent fruit which is only a little smaller than the tame sorts. It is a handsome ornamental, being the very first thing to leave out in the spring when the vivid green of its new leaves gives the first seasonal touch to the shrubby clumps, and among the last to go in the fall at which times it becomes a handsome reddish bronze. Each, 25c; doz., \$2.00; postpaid, each, 30c; doz. \$2.25.



Houghton Gooseberry

The eight apple trees I got of you last year are all alive, and have made new growth of at least two feet the first season.

Lottie M. Harvey,
Sundance, Wyo.

Currants

PERFECTION. Greatest of all currants. The only small fruit ever awarded the Gold Medal of the Western New York Horticultural Society. A cross of Fay's Prolific and the White Grape Currant; it combines the large size and rich color of the Fay with the good quality and productiveness of the White Grape. The berries are rich, mild sub-acid and few seeded. It is the most profitable currant, and the easiest to pick. **Prices:** each, 20c; doz., \$2.00; by mail, each, 25c; doz., \$2.25.

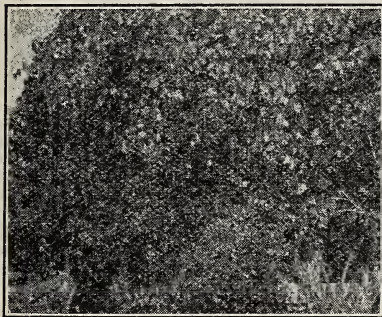
CHERRY CURRANT. An old standard variety. The growth is strong, stout and erect. The fruit is of large size, deep-red and rather acid. Very productive. **By express, dozen, \$1.50; by mail, \$1.75.**

WHITE GRAPE. The best variety of white currants. The bushes are thrifty and productive, bearing large, white currants of the very sweetest flavor. **By express, dozen, \$1.50; by mail, \$1.75.**

NATIVE BLACK. We have a limited supply of transplanted stock, Nursery grown from seed, of this kind, which can be used for fruiting or ornamental purposes. The fruits are large, sweet, and make excellent jelly. **Each, stocky, 20c; dozen, \$2.00.**

Grapes

NATIVE WILD GRAPE. This is one of the most satisfactory wild fruits for cultivation. The small arbor in the illustration planted with about a dozen vines produced several bushels of grapes the past year in spite of a hail storm. The fruit is unsurpassed for jelly, jams, and grape juice, and the plant is one of the easiest to grow. **One year plants, 10, 90c; 2 year plants, each, 20c; 10, \$1.75.** Add 5c per plant or 10c for ten if postpaid.



Native Wild Grape

The trees which I received from you last year were the freshest, plumpest, and altogether the thriftiest stock I ever received from any nursery. No trouble to get them to grow. They had been well grown, well dug, well cared for and well packed. At this date they have made a wonderful growth.

B. E. Dawson,
Manderson, Wyo.

Our Beta and Suelter grapes we got of you this being the third or fourth year are just loaded with fruit.—I want to say that everything we have from you has done just fine.

Bob J. Harlan,
Broadus, Mont.



Perfection Currant

BETA GRAPE. The hardiest of all tame grapes, it has been tested over the whole Northwest and is giving satisfaction wherever grown. In exposed locations and under dry conditions it is not advisable to plant it, but with plenty of moisture, in good soil and with some shelter it does remarkably well. When the location is doubtful we advise winter covering. The berries are blue-black, of medium size, with a pleasant aromatic flavor; they ripen about the last of August. Strong plants, each, 25c; doz., \$2.50, postpaid, each, 30c; doz., \$2.85.

SUELTER GRAPE. This variety is similar to the Beta, nearly as hardy, but a trifle later and produces larger fruit of better quality. We should advise careful pruning and winter covering for this sort. **Each, 25c; doz., \$2.50, postpaid, each, 30c; doz., \$3.00.**

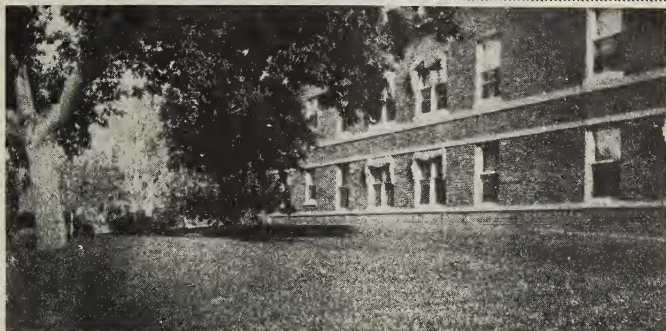


Beta Grape

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Lawn Seed and Lawn Supplies



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Directions for Sowing a Lawn—Only ground which has been broken at least a year and is mellow and easily worked should be seeded for a lawn. After spading up, pulverizing thoroughly and smoothing with a rake, the seed should be sown at the rate of one pound to three hundred square feet. Do not seed on a windy day as the light grass seed will quickly blow away. After seeding, rake in thoroughly with a double motion of the rake, forward and back. If a roller is available much better success will result if a good rolling is given after seeding. The prepared lawn should then be heavily soaked with water and not allowed to dry out until the grass is well up and the whole surface green.

All sorts of soils contain weed seed, and the black soil hauled on for lawns is often very weedy. Do not blame these weeds to the seedman who can furnish you with the official purity test of his seed.

Price, 50c per lb., postpaid. By express or freight, 5 lbs., \$1.50; 10 lbs., \$2.75; 20 lbs., \$5.00.

Unless you have a good steady water supply do not plant the lawn mixture. We have been experimenting for some years in an endeavor to find a hardy grass suitable for lawn purposes, and have found that the native Western Rye or Slender Wheat Grass seems to fill the bill better than anything else we have ever tried. Prices in grass seed section of catalog.

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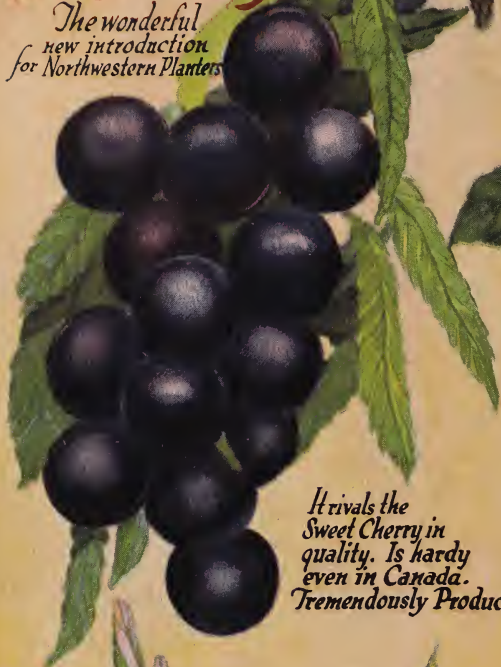
HOSE NOZZLES—Each, \$1.00 postpaid.

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